

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078808.D
 Acq On : 11 Apr 2024 11:43
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 06:44:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	215918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	211992	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101737	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	32457	5.457	ug/L	0.00
7) Chloroethane-d5	2.805	69	28437	5.076	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	5276	4.830	ug/L	0.00
21) 2-Butanone-d5	6.981	46	1898	3.375	ug/L	0.00
24) Chloroform-d	7.569	84	21983	4.170	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	11641	4.347	ug/L	0.00
32) Benzene-d6	8.205	84	45782	4.238	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	13916	4.477	ug/L	0.00
41) Toluene-d8	10.269	98	39518	3.879	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	5833	4.112	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	3631	7.231	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	12359	4.216	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	13991	4.032	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	17757	5.715	ug/L	98
3) Chloromethane	2.146	50	25363	5.697	ug/L	96
5) Vinyl chloride	2.281	62	36421	5.441	ug/L	99
6) Bromomethane	2.693	94	25484	5.238	ug/L	95
8) Chloroethane	2.840	64	28276	5.789	ug/L	89
9) Trichlorofluoromethane	3.181	101	27852	5.688	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	8385	2.648	ug/L #	1
12) 1,1-Dichloroethene	3.946	96	14647	5.189	ug/L	86
13) Acetone	4.022	43	5971	8.187	ug/L	63
14) Carbon disulfide	4.275	76	52421	5.454	ug/L	97
15) Methyl Acetate	4.564	43	5412	5.011	ug/L #	52
16) Methylene chloride	4.805	84	22684	6.063	ug/L	98
17) trans-1,2-Dichloroethene	5.311	96	16576	5.252	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	28694	4.753	ug/L #	83
19) 1,1-Dichloroethane	6.116	63	28050	5.579	ug/L #	88
20) cis-1,2-Dichloroethene	7.081	96	17281	5.037	ug/L	94
22) 2-Butanone	7.093	43	3393	3.794	ug/L #	62
23) Bromochloromethane	7.428	128	8801	5.199	ug/L	91
25) Chloroform	7.599	83	32352	5.460	ug/L	92
27) 1,2-Dichloroethane	8.328	62	17458	5.243	ug/L	99
29) Cyclohexane	7.881	56	17852	4.957	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	26782	5.617	ug/L	99
31) Carbon tetrachloride	7.793	117	3363	0.787	ug/L	94
33) Benzene	8.257	78	61885	5.148	ug/L	100
34) Trichloroethene	9.028	95	16772	5.231	ug/L	95
35) Methylcyclohexane	9.281	83	23702	4.976	ug/L	97
37) 1,2-Dichloropropane	9.304	63	16809	5.454	ug/L	98
38) Bromodichloromethane	9.587	83	23657	5.579	ug/L	90
39) cis-1,3-Dichloropropene	10.016	75	23849	5.038	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	12640	8.979	ug/L	97
42) Toluene	10.334	91	65918	4.954	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	20860	5.028	ug/L	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
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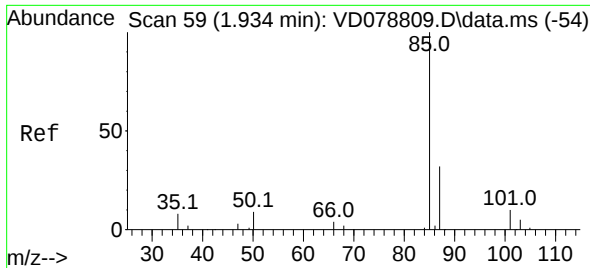
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 06:44:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	13804	5.129	ug/L	95
46) Tetrachloroethene	10.816	164	14310	5.329	ug/L	86
48) 2-Hexanone	10.928	43	9263	8.360	ug/L	98
49) Dibromochloromethane	11.069	129	16330	5.240	ug/L	99
50) 1,2-Dibromoethane	11.175	107	14010	5.357	ug/L #	95
51) Chlorobenzene	11.604	112	48006	5.349	ug/L	95
52) Ethylbenzene	11.681	91	67520	4.826	ug/L	100
53) m,p-Xylene	11.793	106	26036	4.724	ug/L	99
54) o-Xylene	12.122	106	24661	4.629	ug/L	87
55) Styrene	12.134	104	44370	4.647	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	16210	5.217	ug/L	100
59) Bromoform	12.298	173	10676	5.353	ug/L #	93
60) Isopropylbenzene	12.422	105	64353	4.999	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	9718	5.175	ug/L	91
62) 1,3,5-Trimethylbenzene	12.904	105	35871	4.596	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	44271	4.622	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	33925	5.294	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	36413	5.374	ug/L	87
67) 1,2-Dichlorobenzene	13.828	146	30813	5.105	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.445	75	2415	5.649	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.592	180	21543	5.228	ug/L	95
70) 1,2,4-trichlorobenzene	15.098	180	16494	4.746	ug/L	97
71) Naphthalene	15.328	128	29688	4.402	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	16018	5.034	ug/L	95

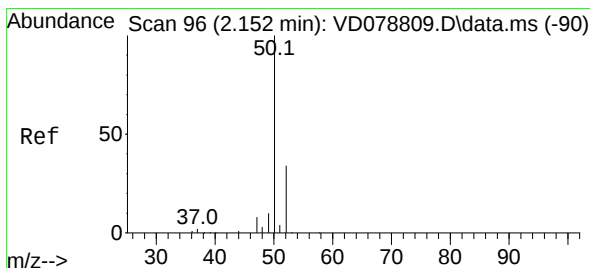
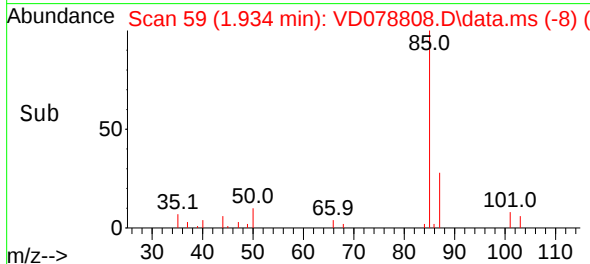
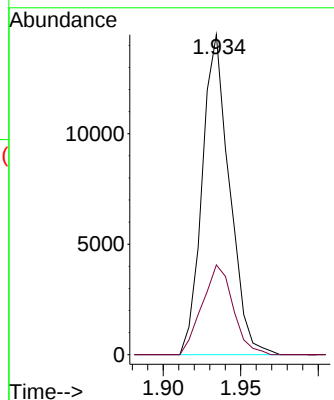
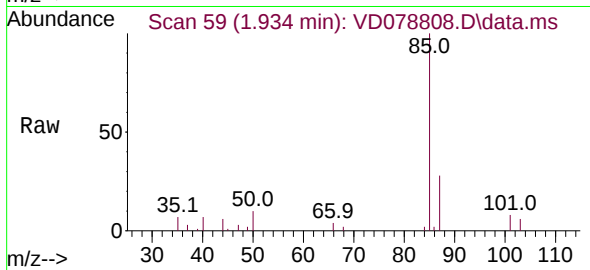
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.715 ug/L
RT: 1.934 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

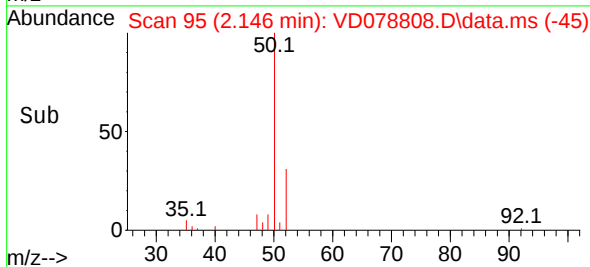
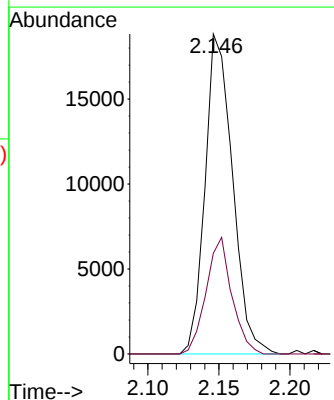
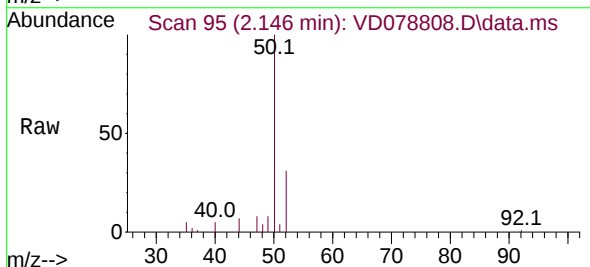
Instrument :
MSVOA_D
ClientSampleId :

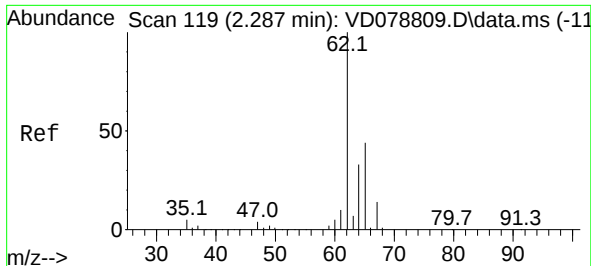
Tgt Ion: 85 Resp: 17757
Ion Ratio Lower Upper
85 100
87 31.8 26.5 39.7



#3
Chloromethane
Concen: 5.697 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion: 50 Resp: 25363
Ion Ratio Lower Upper
50 100
52 31.4 23.6 43.8

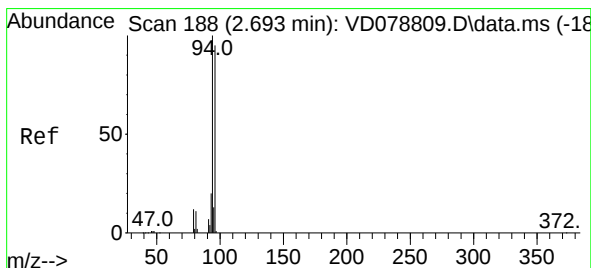
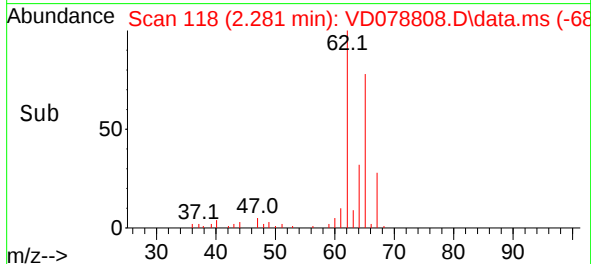
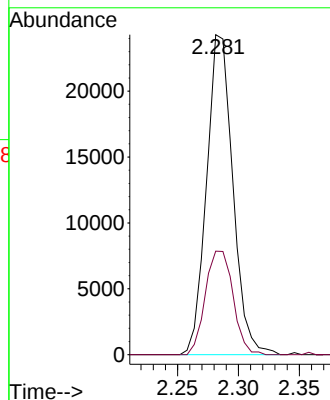
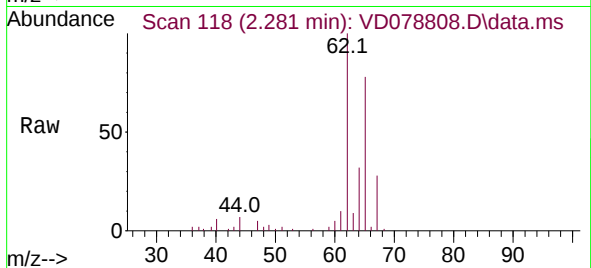




#5
 Vinyl chloride
 Concen: 5.441 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD078808.D
 Acq: 11 Apr 2024 11:43

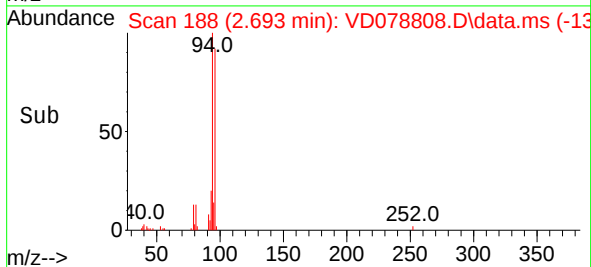
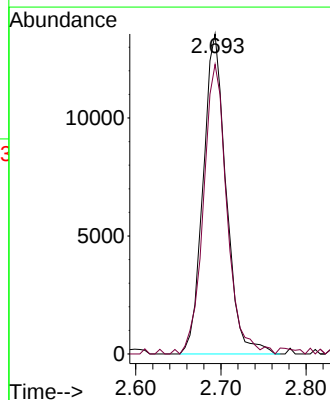
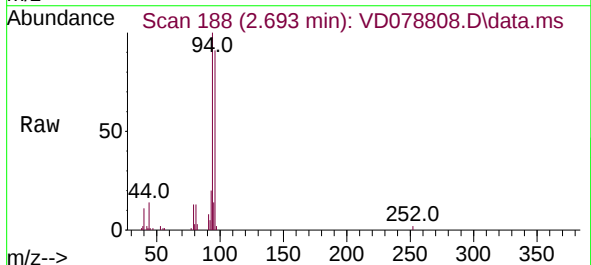
Instrument :
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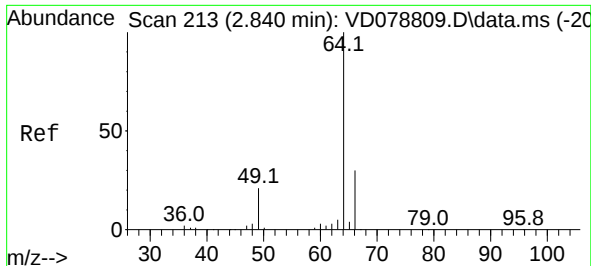
Tgt Ion: 62 Resp: 36421
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.0



#6
 Bromomethane
 Concen: 5.238 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD078808.D
 Acq: 11 Apr 2024 11:43

Tgt Ion: 94 Resp: 25484
 Ion Ratio Lower Upper
 94 100
 96 90.5 66.9 124.3

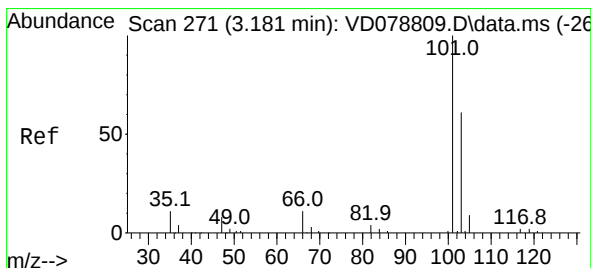
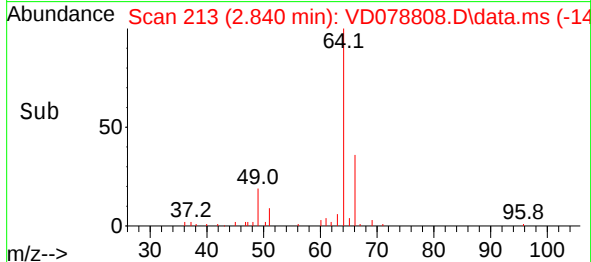
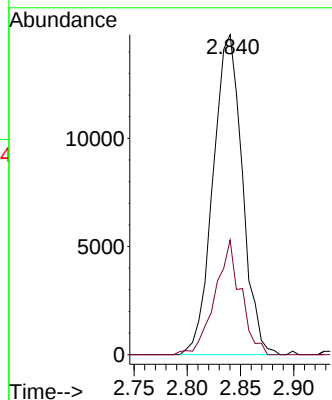
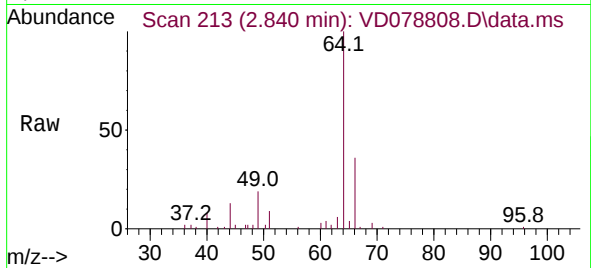




#8
Chloroethane
Concen: 5.789 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

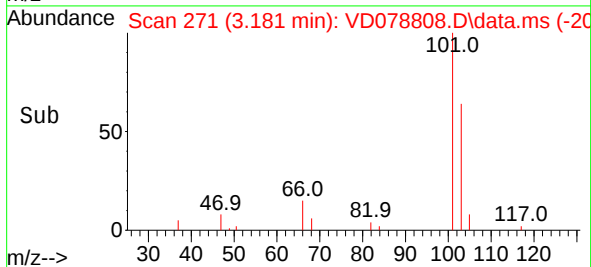
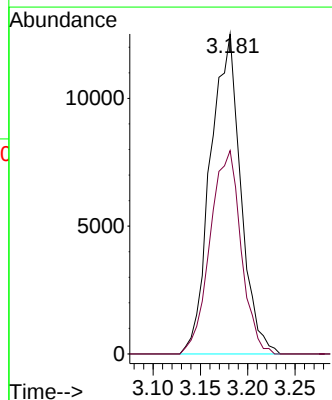
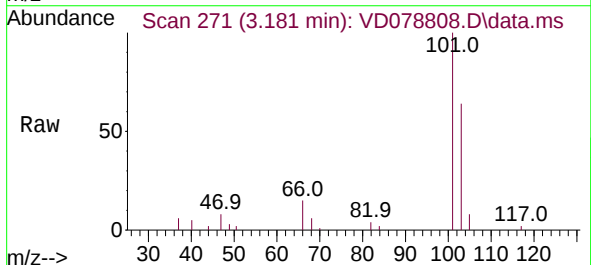
Instrument :
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ClientSampleId :

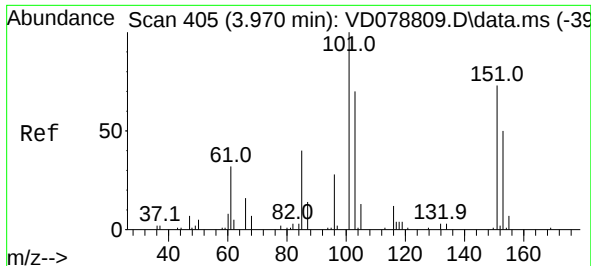
Tgt Ion: 64 Resp: 28276
Ion Ratio Lower Upper
64 100
66 35.9 21.0 39.0



#9
Trichlorofluoromethane
Concen: 5.688 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion:101 Resp: 27852
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.648 ug/L

RT: 3.964 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

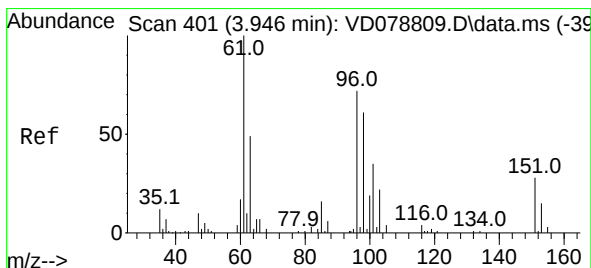
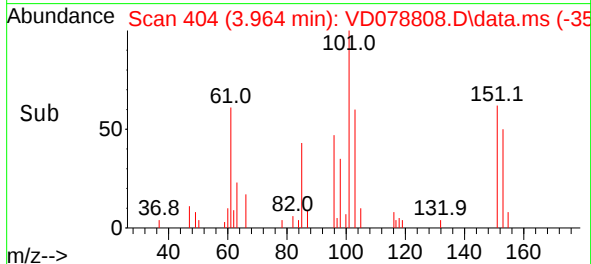
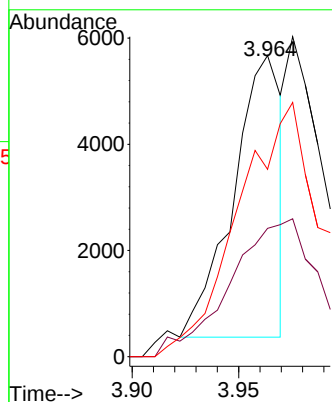
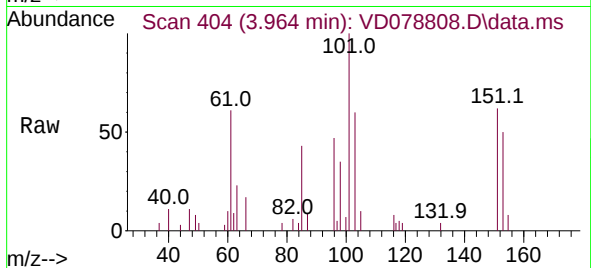
Tgt Ion:101 Resp: 8385

Ion Ratio Lower Upper

101 100

85 87.5 19.5 29.3#

151 158.8 61.9 92.9#



#12

1,1-Dichloroethene

Concen: 5.189 ug/L

RT: 3.946 min Scan# 401

Delta R.T. -0.000 min

Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

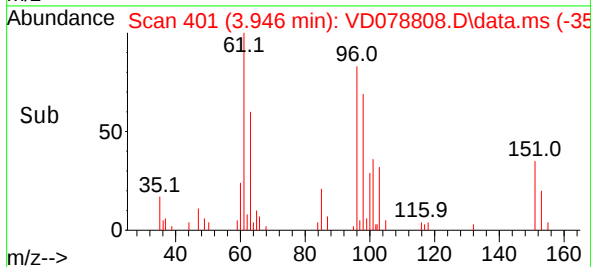
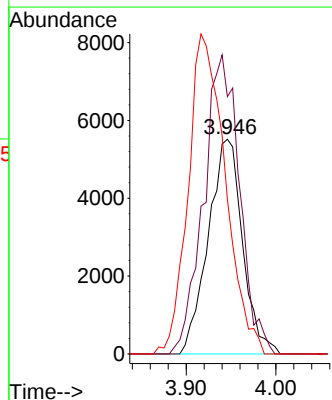
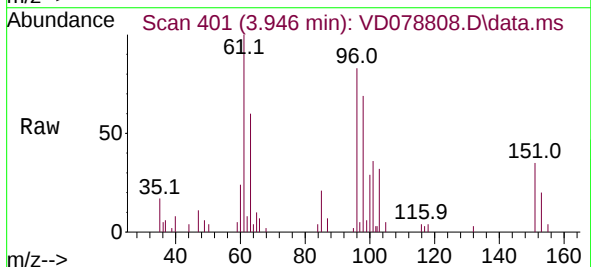
Tgt Ion: 96 Resp: 14647

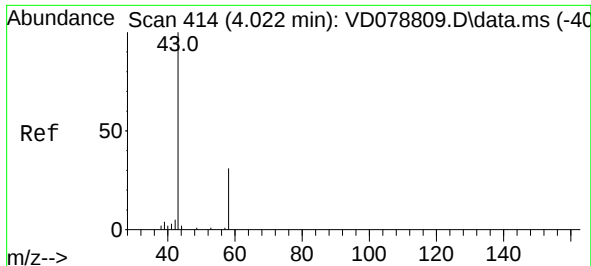
Ion Ratio Lower Upper

96 100

61 119.8 99.0 183.8

63 72.0 55.2 102.6





#13

Acetone

Concen: 8.187 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

Instrument :

MSVOA_D

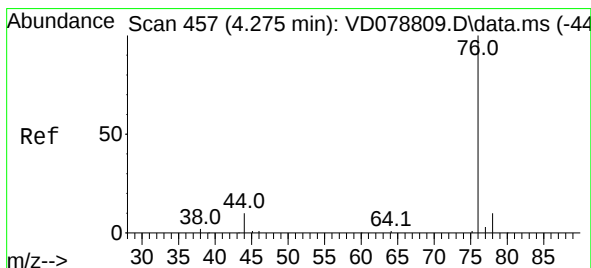
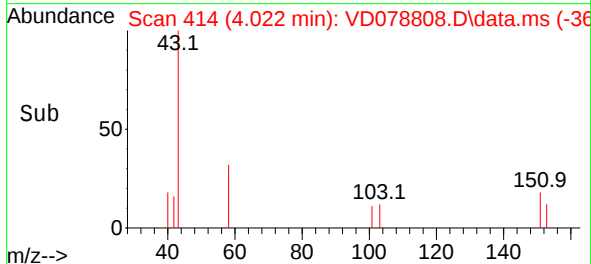
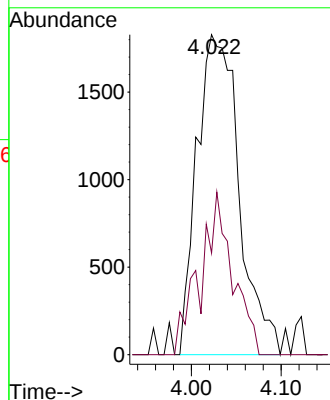
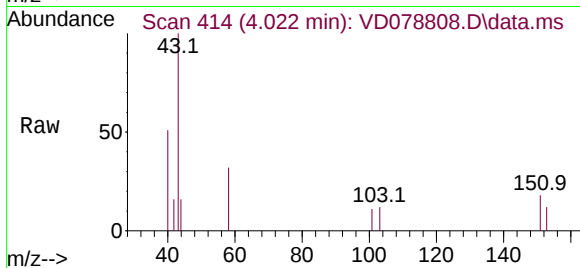
ClientSampleId :

Tgt Ion: 43 Resp: 5971

Ion Ratio Lower Upper

43 100

58 16.4 0.0 78.6



#14

Carbon disulfide

Concen: 5.454 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD078808.D

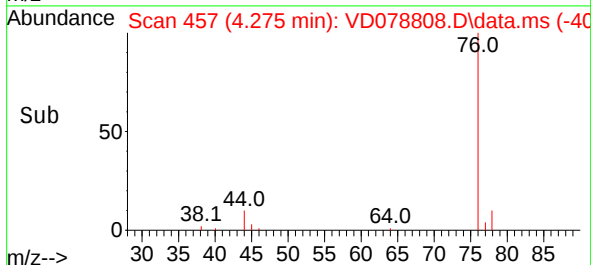
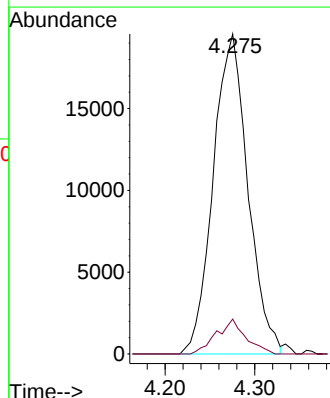
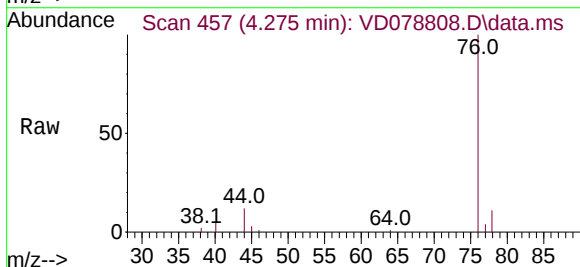
Acq: 11 Apr 2024 11:43

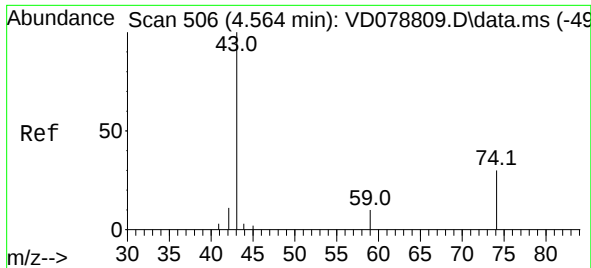
Tgt Ion: 76 Resp: 52421

Ion Ratio Lower Upper

76 100

78 10.9 7.8 11.6

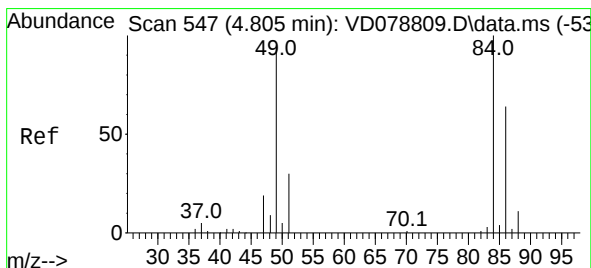
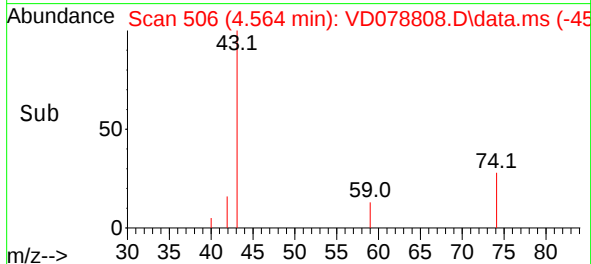
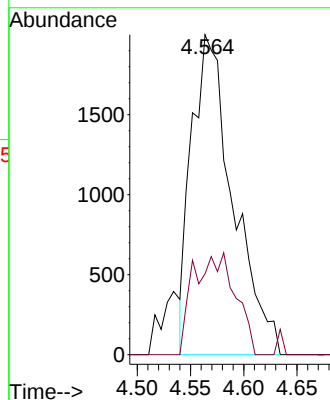
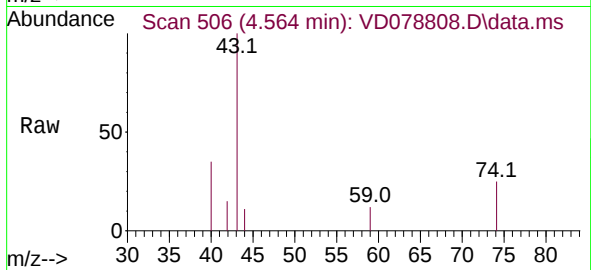




#15
Methyl Acetate
Concen: 5.011 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

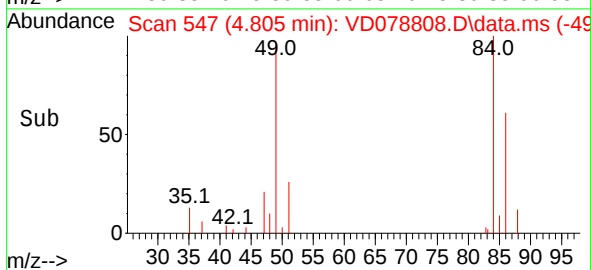
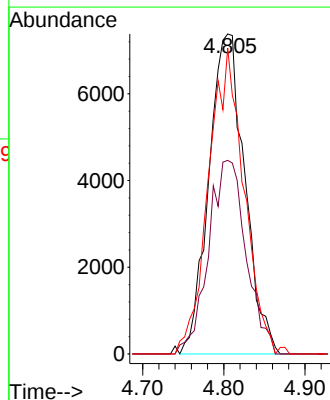
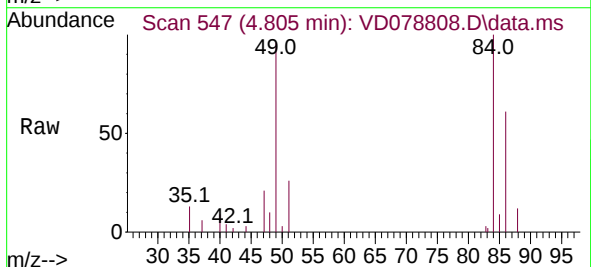
Instrument :
MSVOA_D
ClientSampleId :

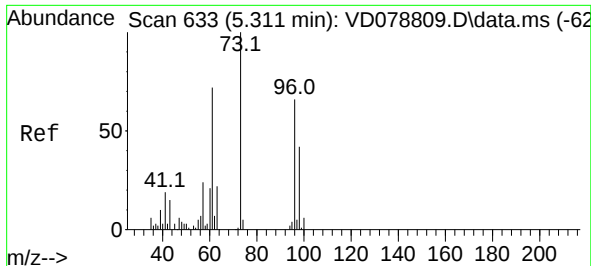
Tgt Ion: 43 Resp: 5412
Ion Ratio Lower Upper
43 100
74 3.8 23.4 35.2#



#16
Methylene chloride
Concen: 6.063 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion: 84 Resp: 22684
Ion Ratio Lower Upper
84 100
86 60.5 44.7 83.1
49 95.6 67.1 124.5

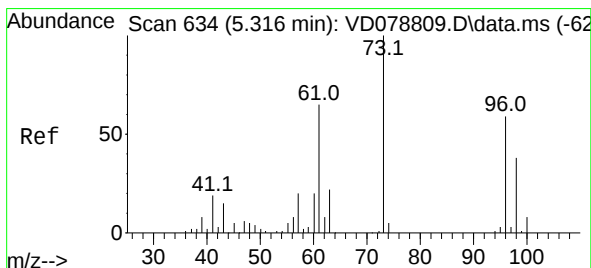
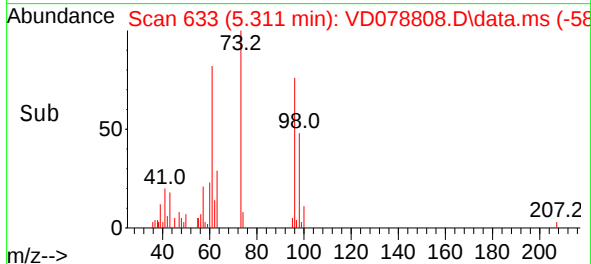
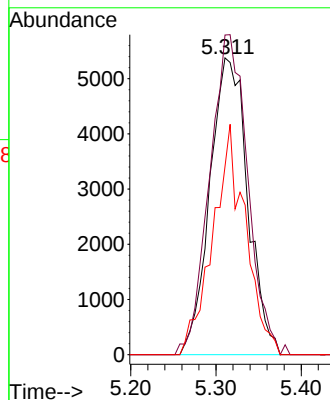
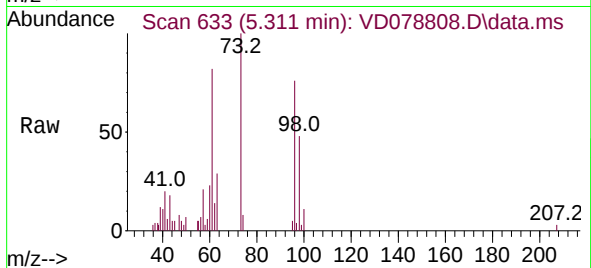




#17
trans-1,2-Dichloroethene
Concen: 5.252 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

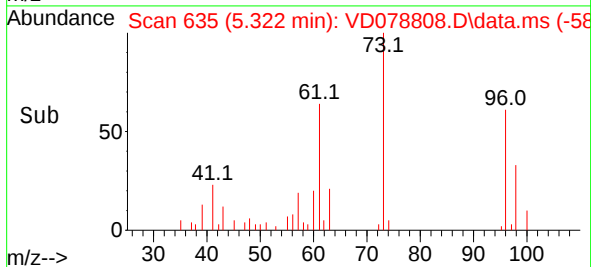
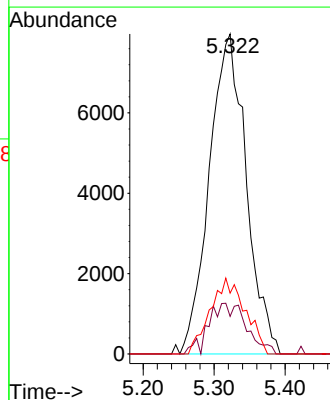
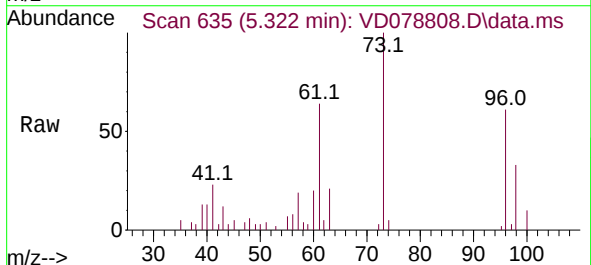
Instrument :
MSVOA_D
ClientSampleId :

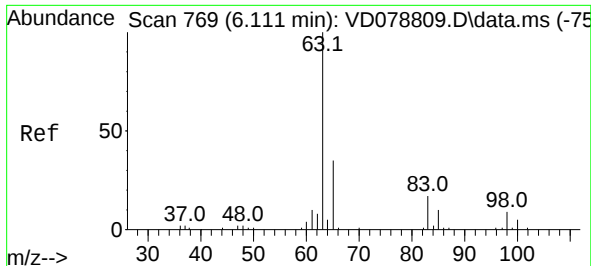
Tgt Ion: 96 Resp: 16576
Ion Ratio Lower Upper
96 100
61 107.7 76.2 141.6
98 63.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 4.753 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

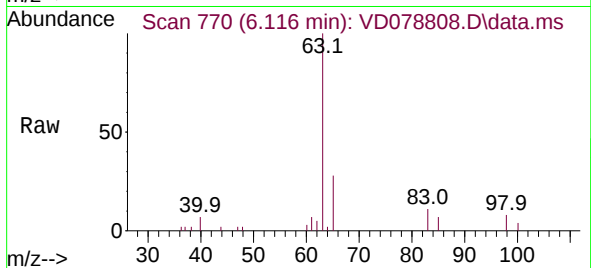
Tgt Ion: 73 Resp: 28694
Ion Ratio Lower Upper
73 100
43 3.8 7.0 10.4#
57 13.2 17.4 26.0#



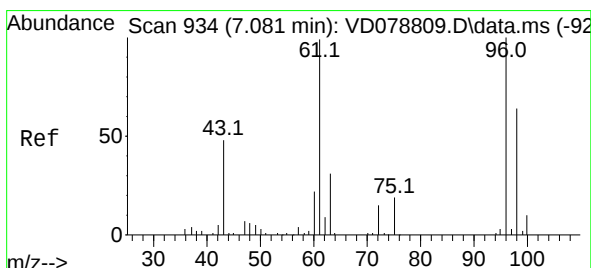
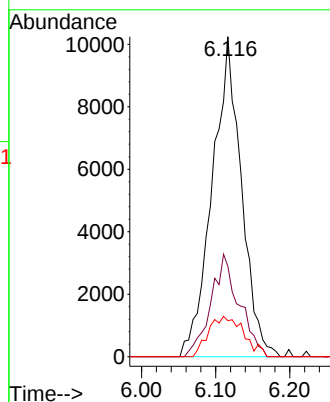
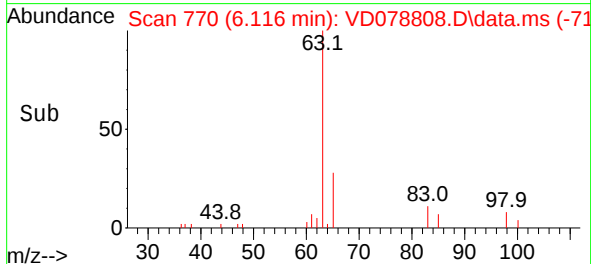


#19
1,1-Dichloroethane
Concen: 5.579 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

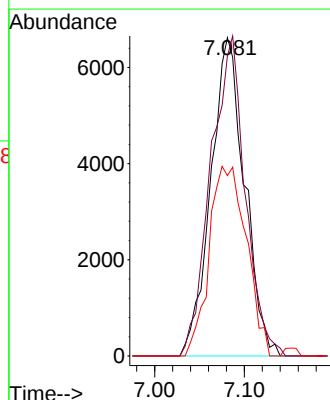
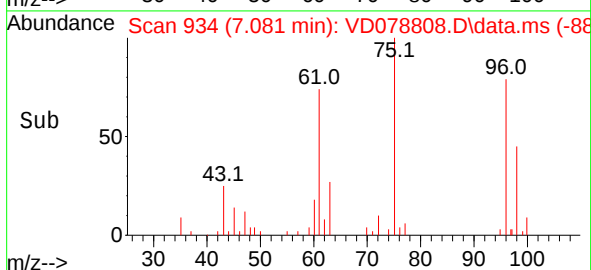
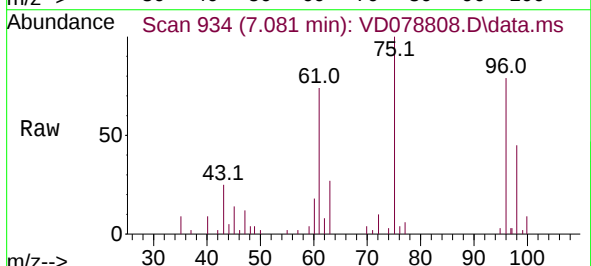


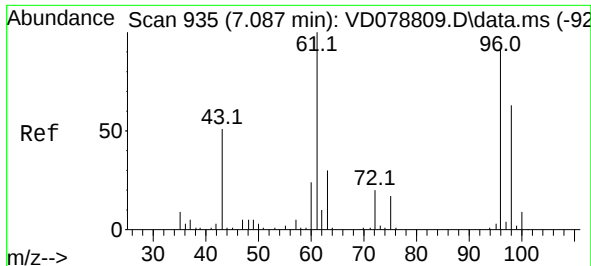
Tgt Ion: 63 Resp: 28050
Ion Ratio Lower Upper
63 100
65 28.2 24.3 45.1
83 11.2 11.5 21.5#



#20
cis-1,2-Dichloroethene
Concen: 5.037 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion: 96 Resp: 17281
Ion Ratio Lower Upper
96 100
61 94.2 69.0 128.2
98 56.6 44.8 83.2

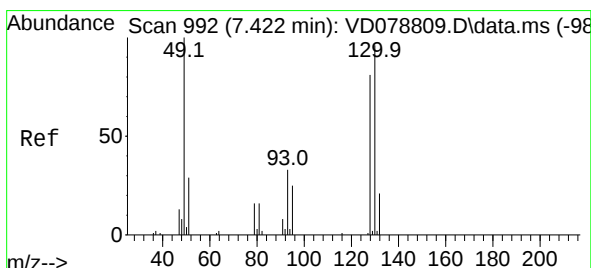
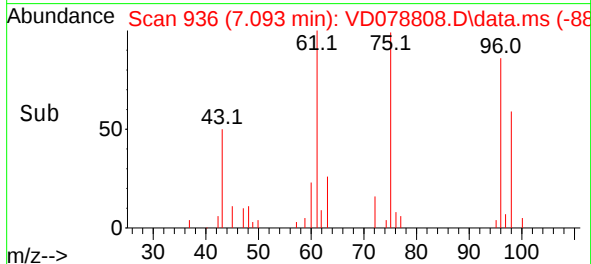
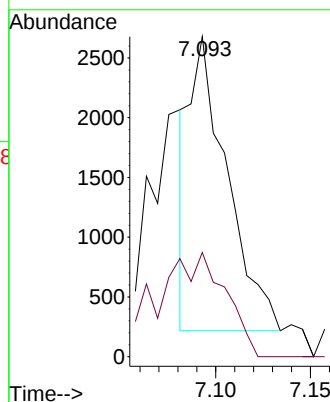
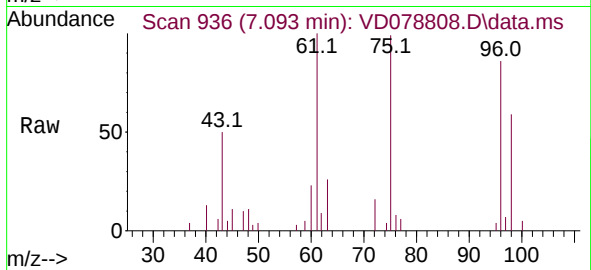




#22
2-Butanone
Concen: 3.794 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

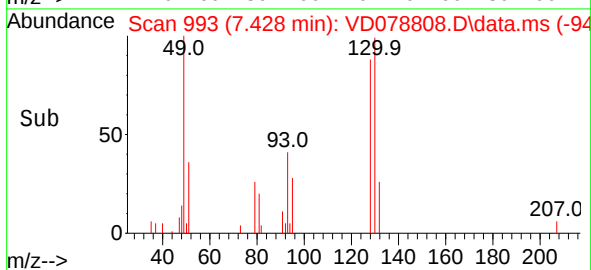
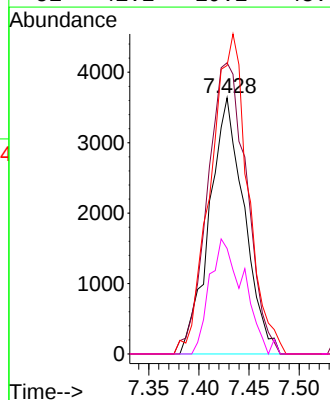
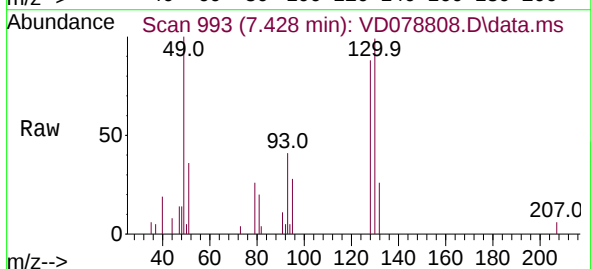
Instrument :
MSVOA_D
ClientSampleId :

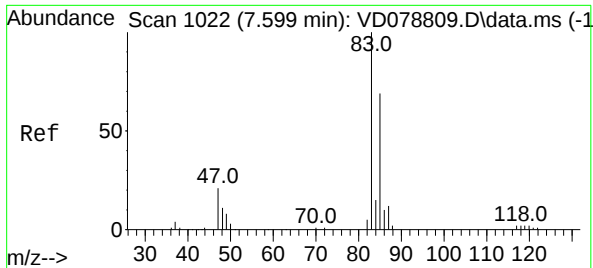
Tgt Ion: 43 Resp: 3393
Ion Ratio Lower Upper
43 100
72 12.0 16.8 50.4#



#23
Bromochloromethane
Concen: 5.199 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion:128 Resp: 8801
Ion Ratio Lower Upper
128 100
49 113.7 87.6 162.8
130 112.6 84.5 156.9
51 41.2 29.2 43.8

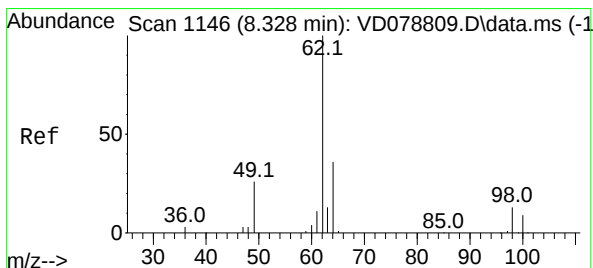
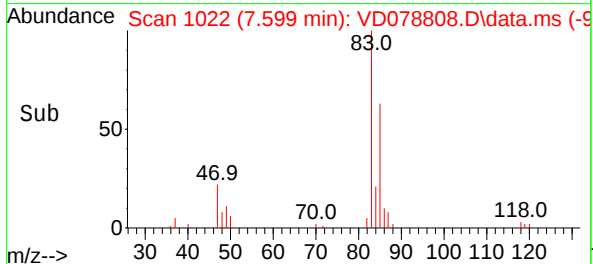
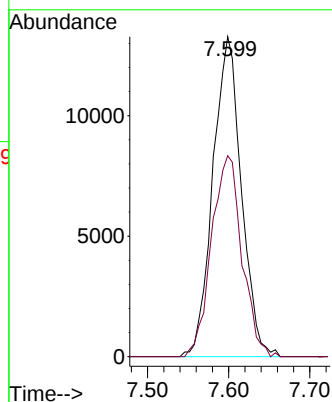
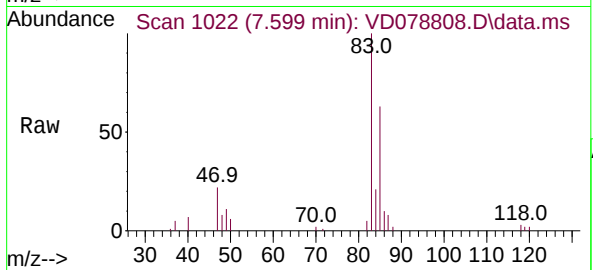




#25
Chloroform
Concen: 5.460 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

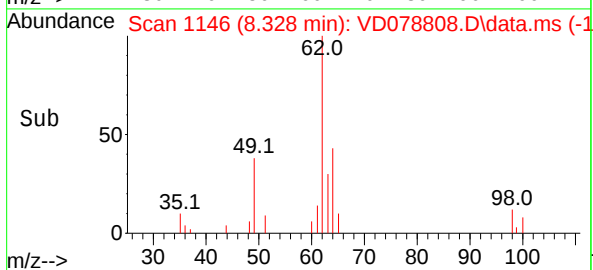
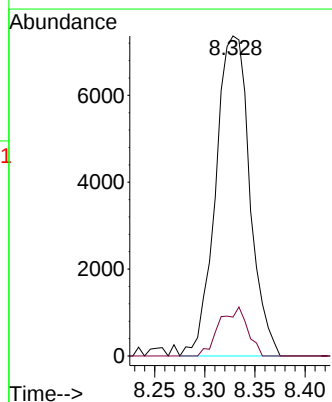
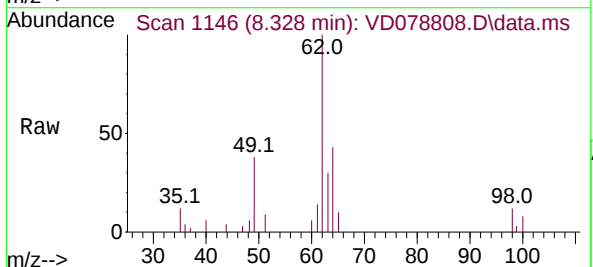
Instrument :
MSVOA_D
ClientSampleId :

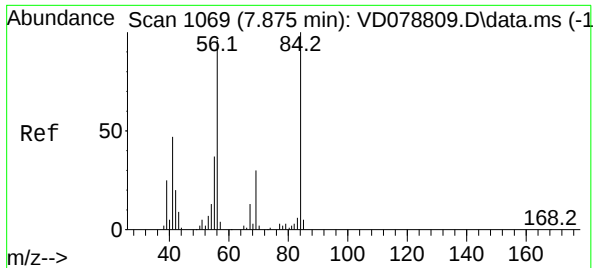
Tgt Ion: 83 Resp: 32352
Ion Ratio Lower Upper
83 100
85 62.8 48.6 90.2



#27
1,2-Dichloroethane
Concen: 5.243 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

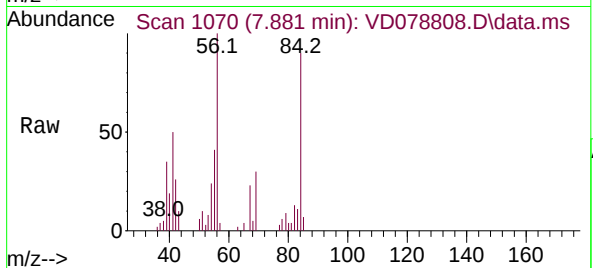
Tgt Ion: 62 Resp: 17458
Ion Ratio Lower Upper
62 100
98 12.1 10.0 15.0



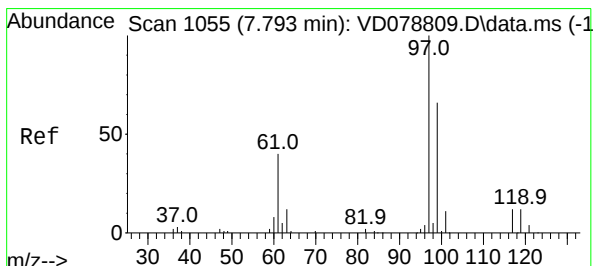
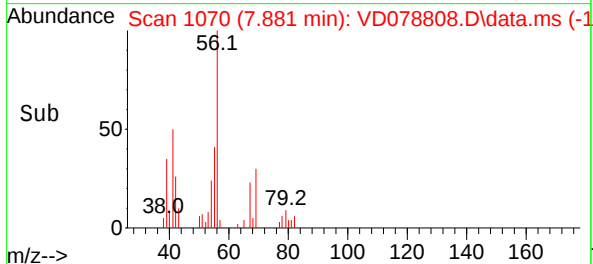
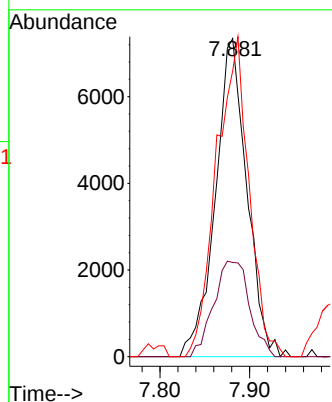


#29
Cyclohexane
Concen: 4.957 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

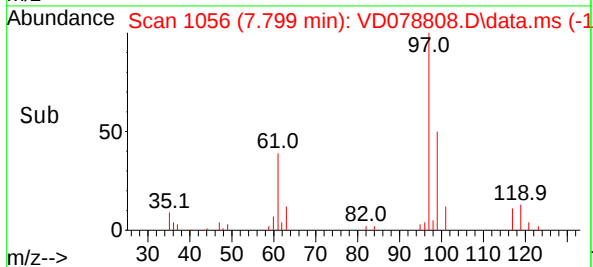
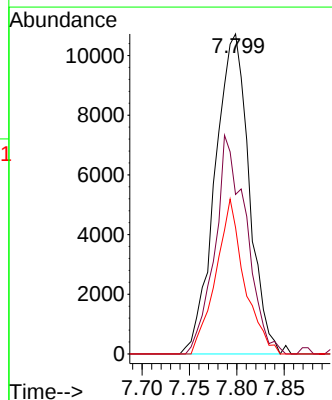
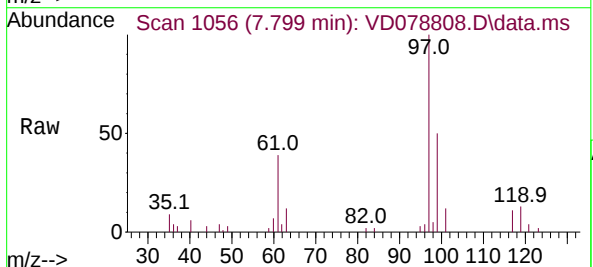


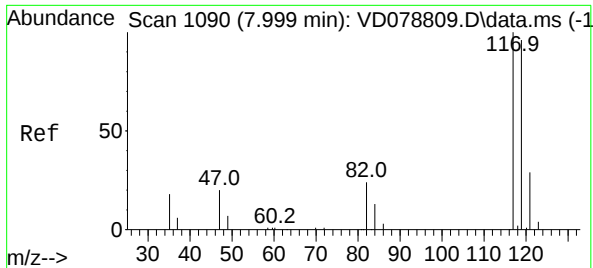
Tgt Ion: 56 Resp: 17852
Ion Ratio Lower Upper
56 100
69 34.1 26.1 39.1
84 103.9 84.2 126.4



#30
1,1,1-Trichloroethane
Concen: 5.617 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion: 97 Resp: 26782
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 40.7 31.5 47.3

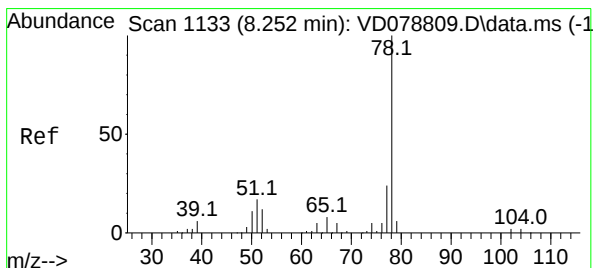
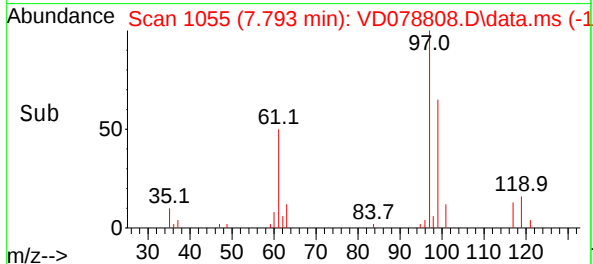
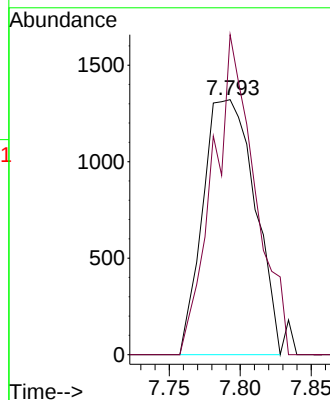
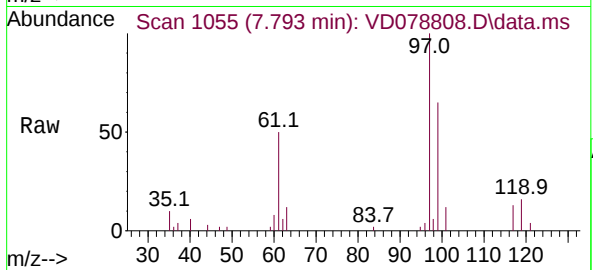




#31
Carbon tetrachloride
Concen: 0.787 ug/L
RT: 7.793 min Scan# 1090
Delta R.T. -0.206 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

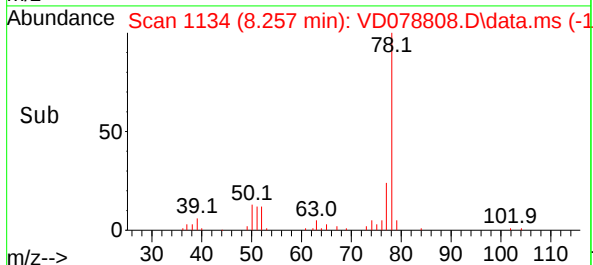
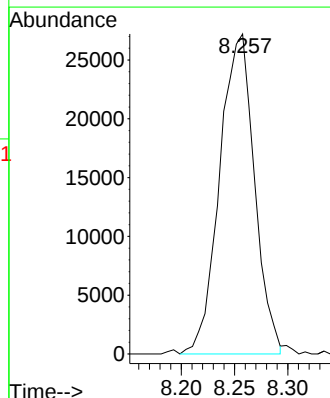
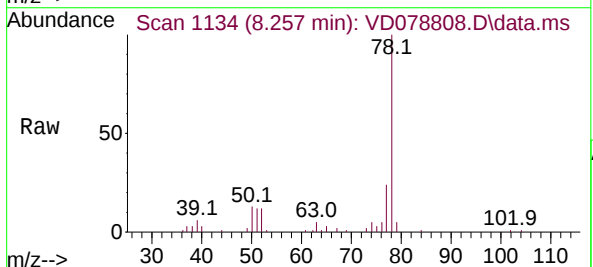
Instrument :
MSVOA_D
ClientSampleId :

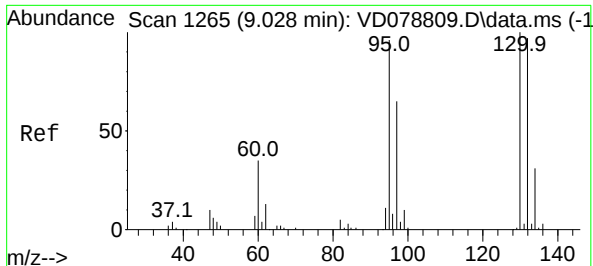
Tgt Ion:117 Resp: 3363
Ion Ratio Lower Upper
117 100
119 101.9 77.0 115.4



#33
Benzene
Concen: 5.148 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

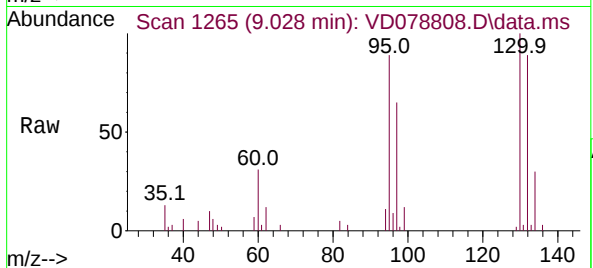
Tgt Ion: 78 Resp: 61885



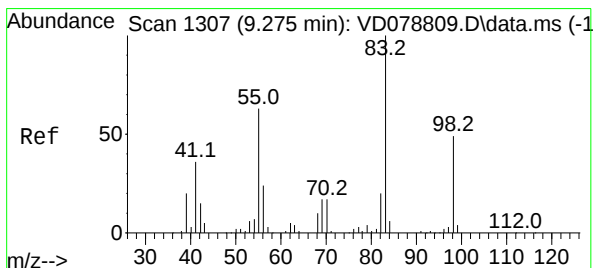
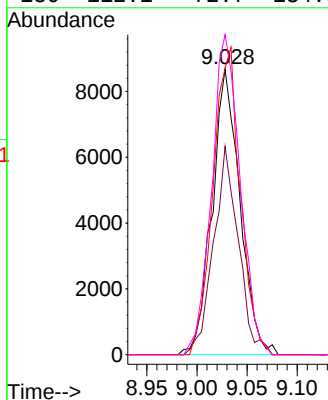
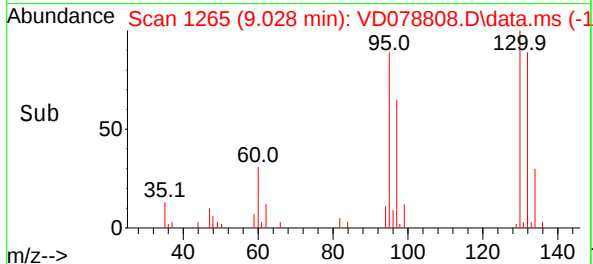


#34
Trichloroethene
Concen: 5.231 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

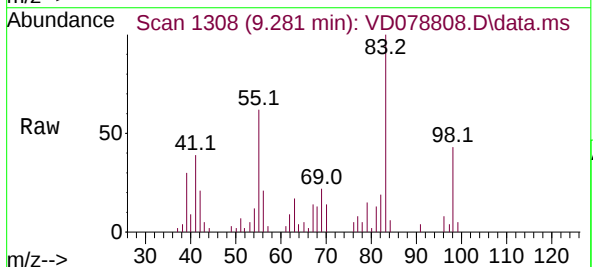
Instrument :
MSVOA_D
ClientSampleId :



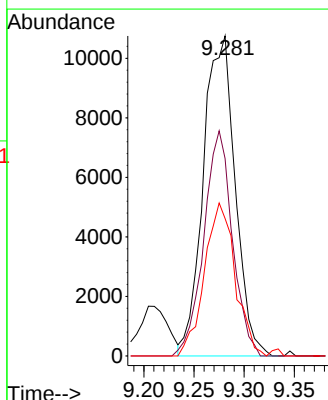
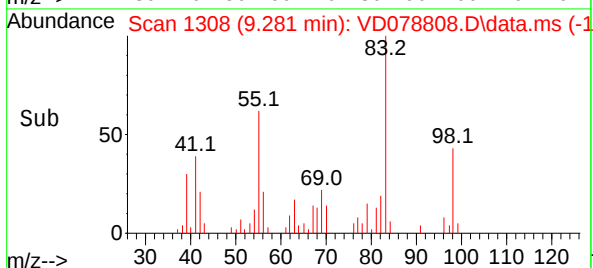
Tgt Ion: 95 Resp: 16772
Ion Ratio Lower Upper
95 100
97 72.9 47.4 88.0
132 100.3 70.8 131.4
130 112.1 72.7 134.9

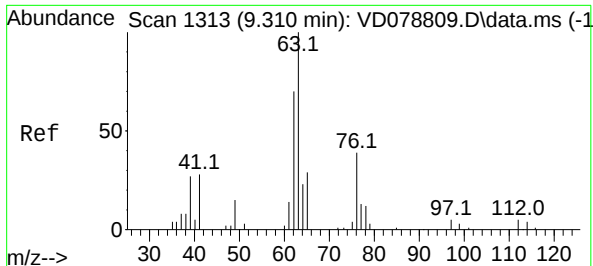


#35
Methylcyclohexane
Concen: 4.976 ug/L
RT: 9.281 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43



Tgt Ion: 83 Resp: 23702
Ion Ratio Lower Upper
83 100
55 63.3 50.2 75.2
98 46.2 40.7 61.1

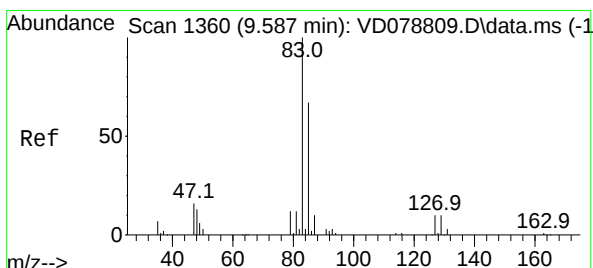
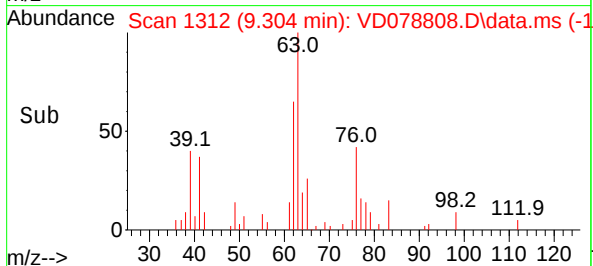
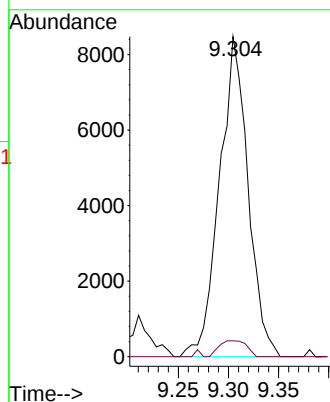
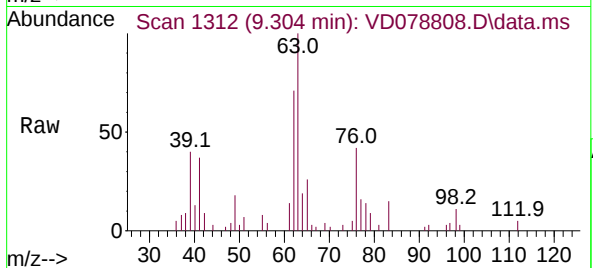




#37
1,2-Dichloropropane
Concen: 5.454 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

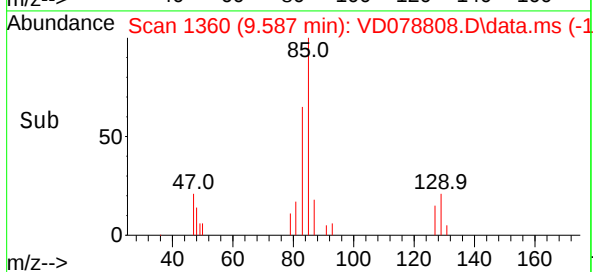
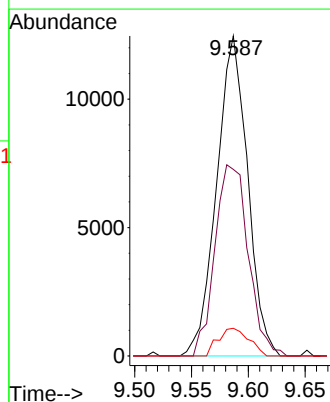
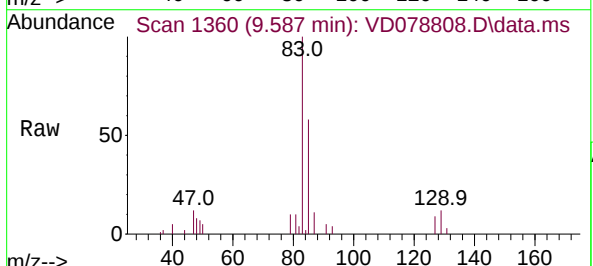
Instrument :
MSVOA_D
ClientSampleId :

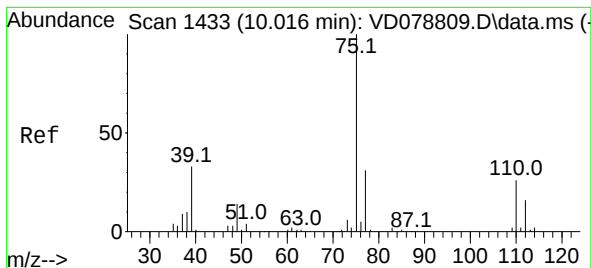
Tgt Ion: 63 Resp: 16809
Ion Ratio Lower Upper
63 100
112 4.8 4.3 6.5



#38
Bromodichloromethane
Concen: 5.579 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion: 83 Resp: 23657
Ion Ratio Lower Upper
83 100
85 58.3 46.8 87.0
127 8.6 7.7 11.5

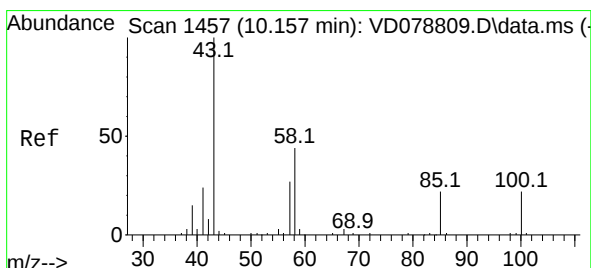
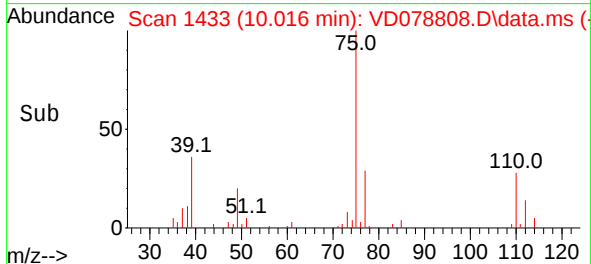
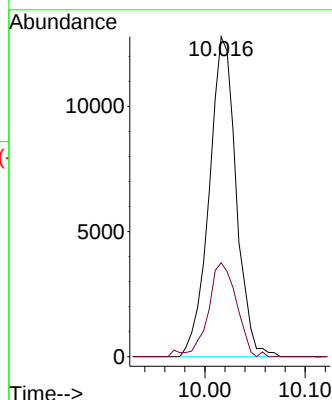
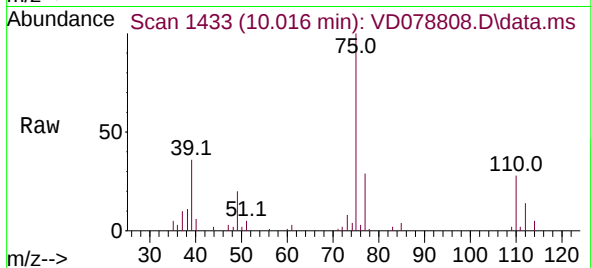




#39
cis-1,3-Dichloropropene
Concen: 5.038 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

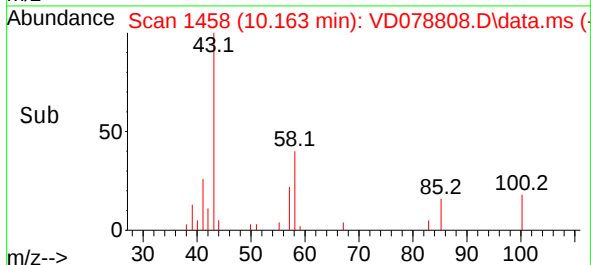
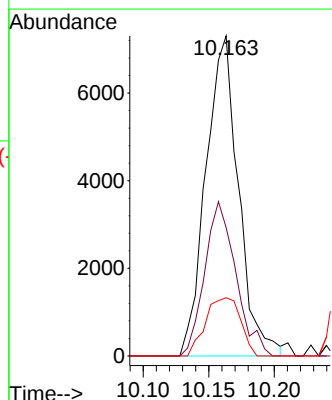
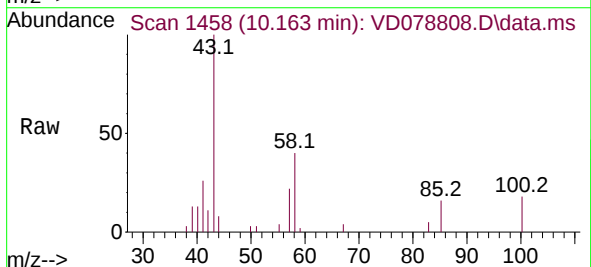
Instrument :
MSVOA_D
ClientSampleId :

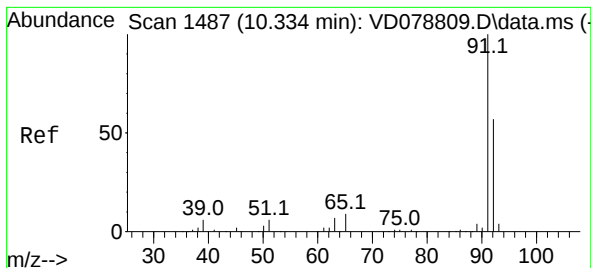
Tgt Ion: 75 Resp: 23849
Ion Ratio Lower Upper
75 100
77 29.3 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 8.979 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion: 43 Resp: 12640
Ion Ratio Lower Upper
43 100
58 46.1 36.2 54.2
100 19.4 18.3 27.5





#42

Toluene

Concen: 4.954 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

Instrument :

MSVOA_D

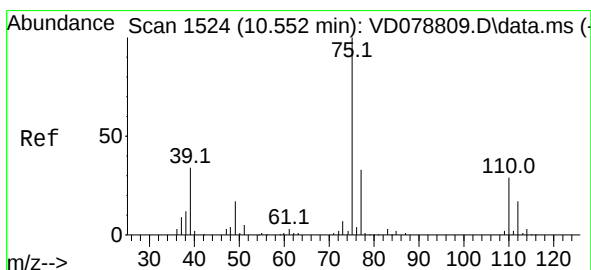
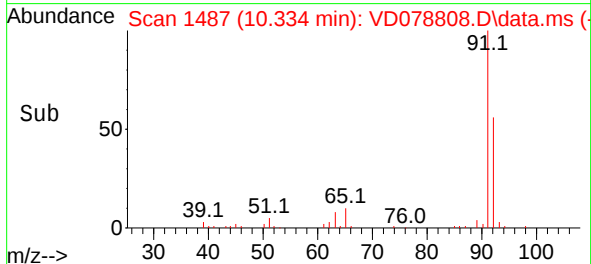
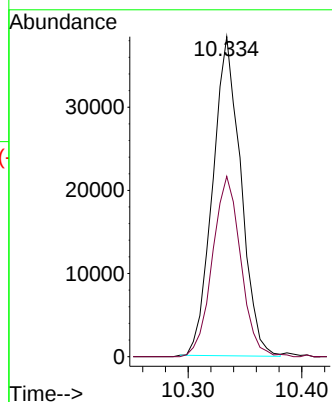
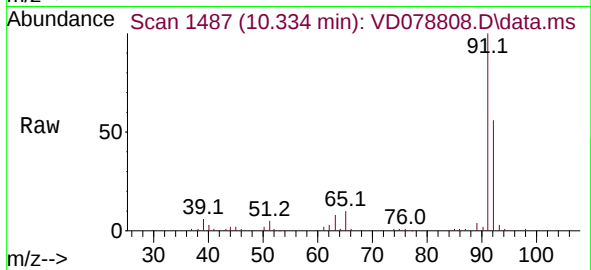
ClientSampleId :

Tgt Ion: 91 Resp: 65918

Ion Ratio Lower Upper

91 100

92 56.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 5.028 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD078808.D

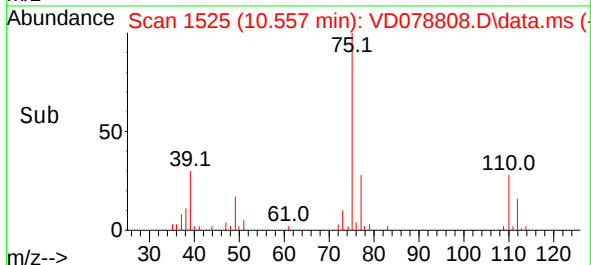
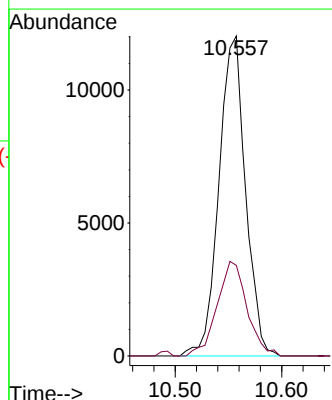
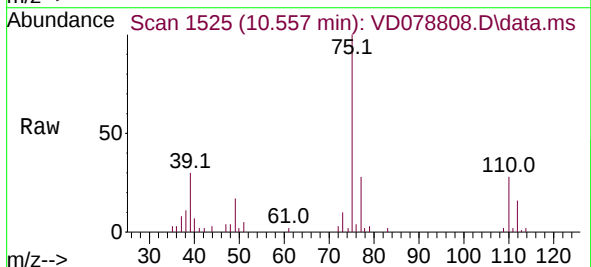
Acq: 11 Apr 2024 11:43

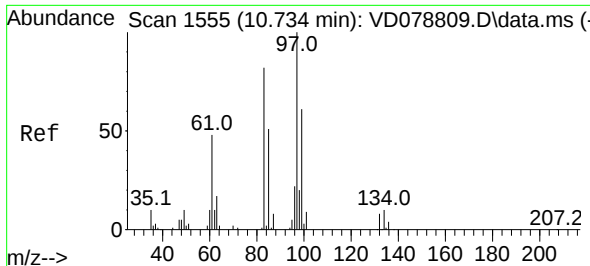
Tgt Ion: 75 Resp: 20860

Ion Ratio Lower Upper

75 100

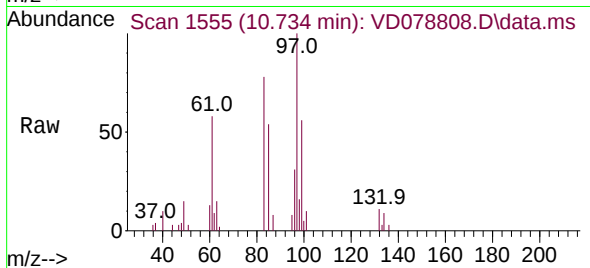
77 28.3 23.4 43.4



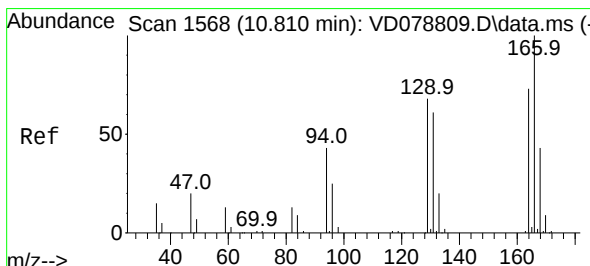
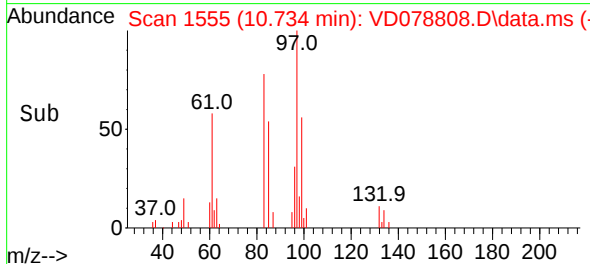
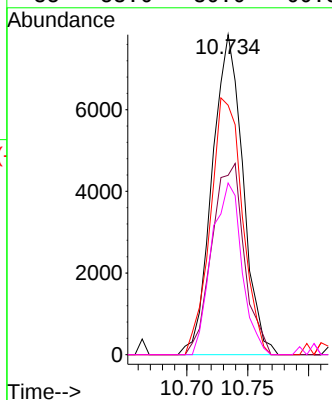


#45
1,1,2-Trichloroethane
Concen: 5.129 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

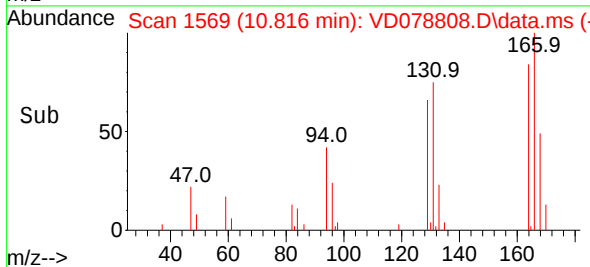
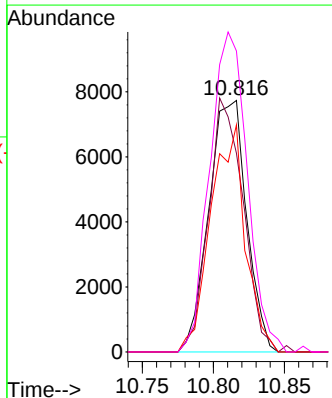
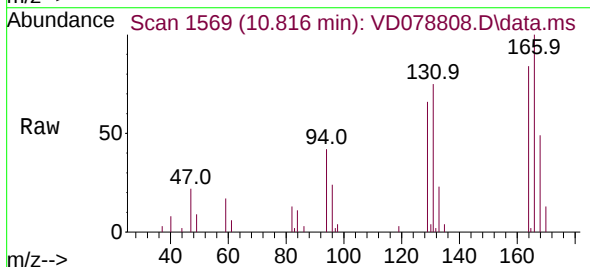


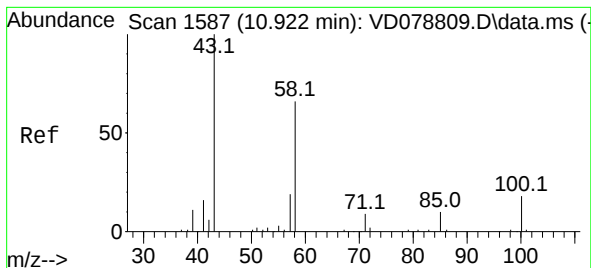
Tgt Ion: 97	Resp: 13804
Ion Ratio	Lower Upper
97 100	
99 56.0	42.6 79.2
83 78.0	58.0 107.6
85 53.6	36.0 66.8



#46
Tetrachloroethene
Concen: 5.329 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt	Ion:164	Resp:	14310
Ion	Ratio	Lower	Upper
164	100		
129	77.0	65.3	121.3
131	88.0	58.4	108.6
166	116.7	96.5	179.1





#48

2-Hexanone

Concen: 8.360 ug/L

RT: 10.928 min Scan# 1587

Delta R.T. 0.006 min

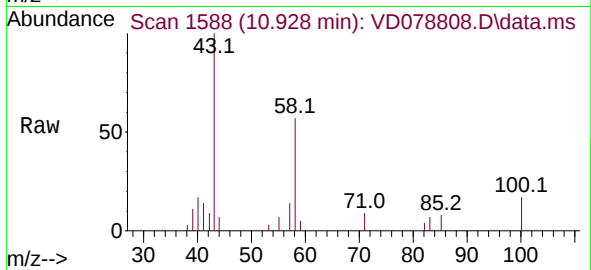
Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 9263

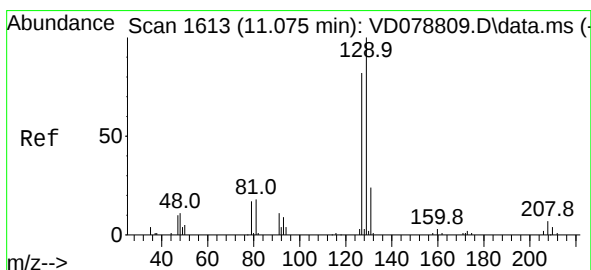
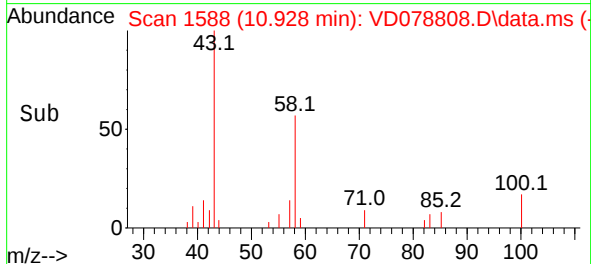
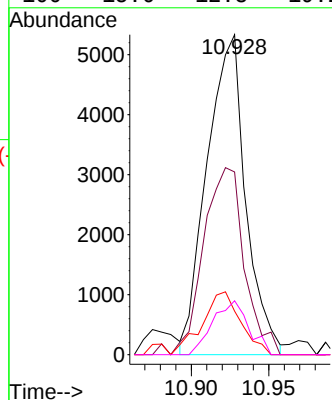
Ion Ratio Lower Upper

43 100

58 61.3 50.3 75.5

57 19.6 16.5 24.7

100 15.6 12.8 19.2



#49

Dibromochloromethane

Concen: 5.240 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD078808.D

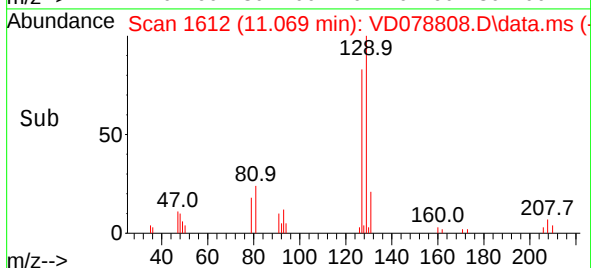
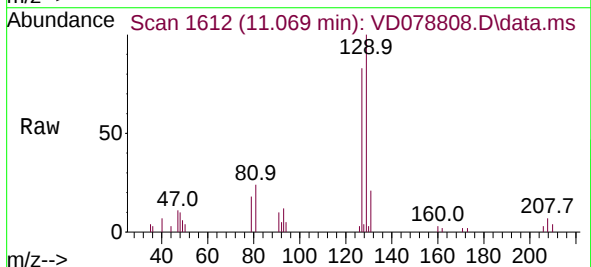
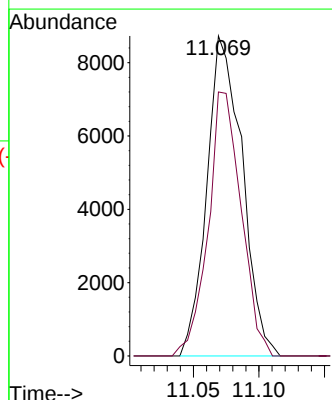
Acq: 11 Apr 2024 11:43

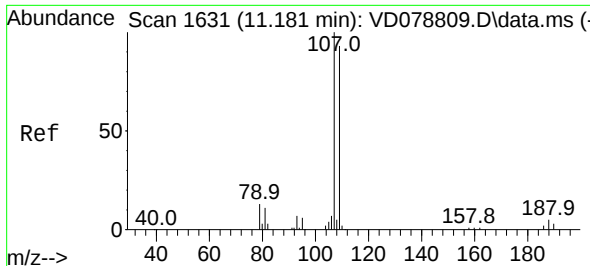
Tgt Ion: 129 Resp: 16330

Ion Ratio Lower Upper

129 100

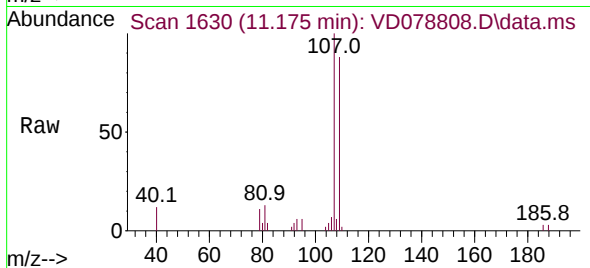
127 82.5 57.1 106.1



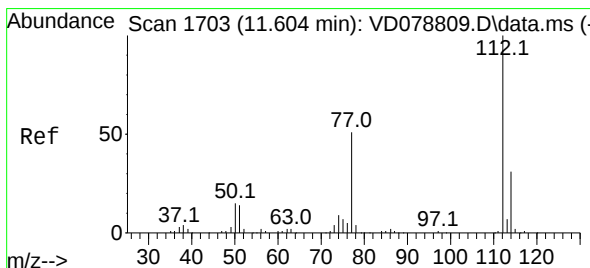
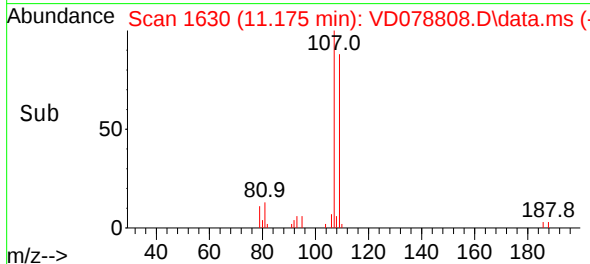
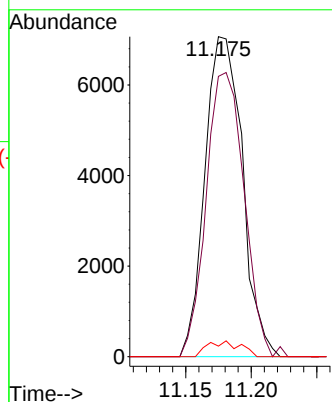


#50
1,2-Dibromoethane
Concen: 5.357 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

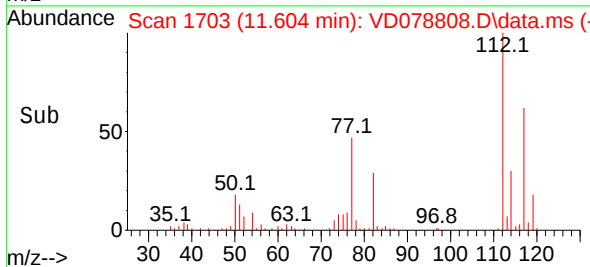
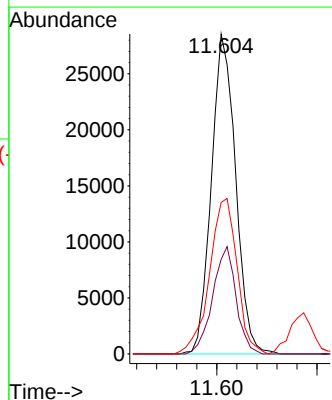
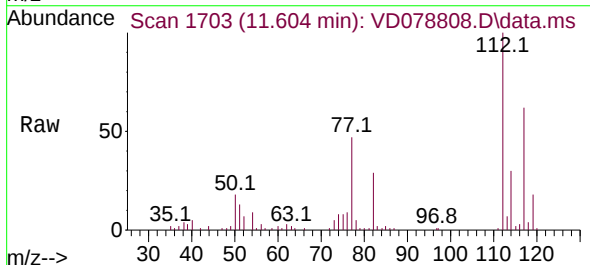


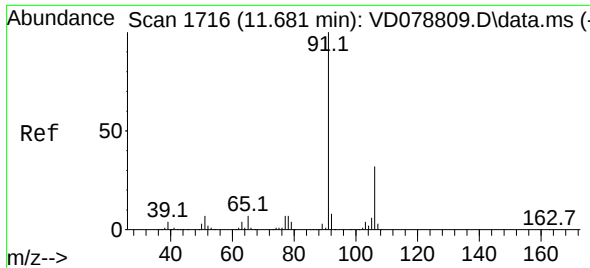
Tgt Ion:107 Resp: 14010
Ion Ratio Lower Upper
107 100
109 87.6 64.8 120.4
188 3.3 3.6 5.4#



#51
Chlorobenzene
Concen: 5.349 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion:112 Resp: 48006
Ion Ratio Lower Upper
112 100
114 29.5 21.7 40.3
77 47.4 41.0 61.6

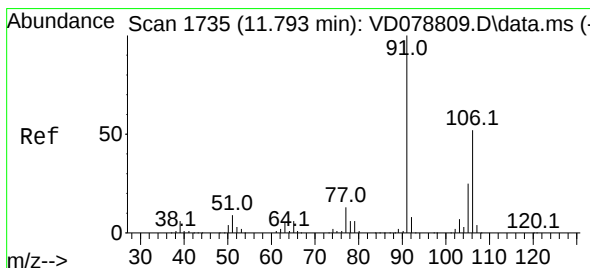
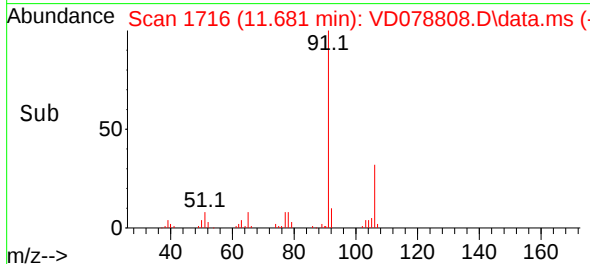
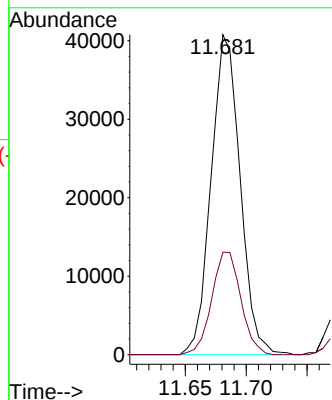
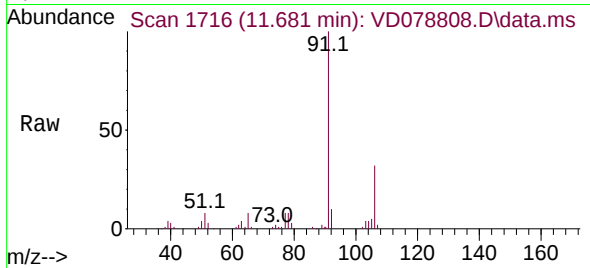




#52
Ethylbenzene
Concen: 4.826 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

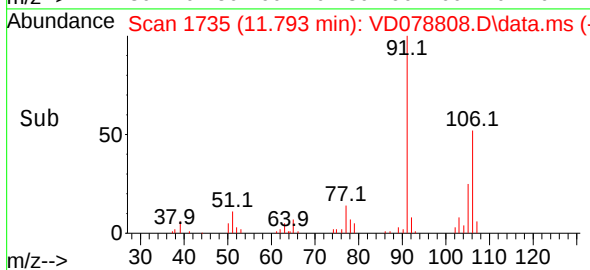
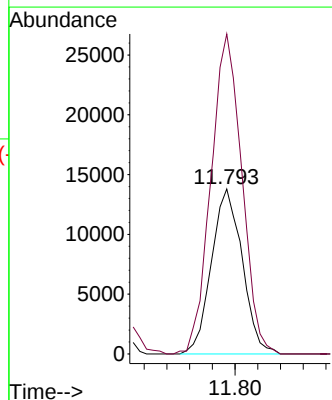
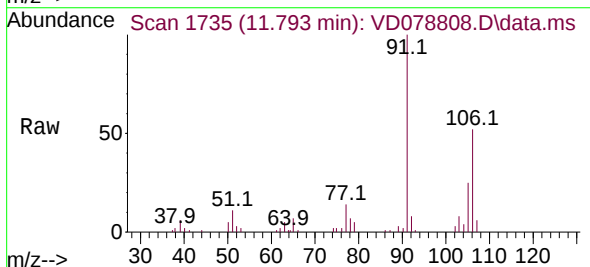
Instrument :
MSVOA_D
ClientSampleId :

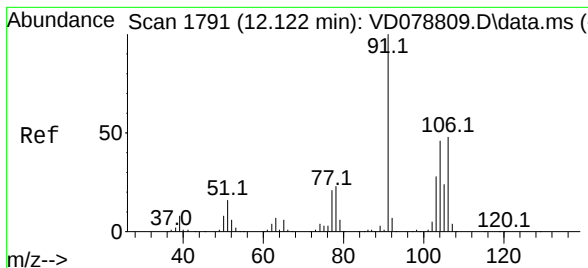
Tgt Ion: 91 Resp: 67520
Ion Ratio Lower Upper
91 100
106 32.0 22.3 41.3



#53
m,p-Xylene
Concen: 4.724 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion: 106 Resp: 26036
Ion Ratio Lower Upper
106 100
91 194.0 134.4 249.6

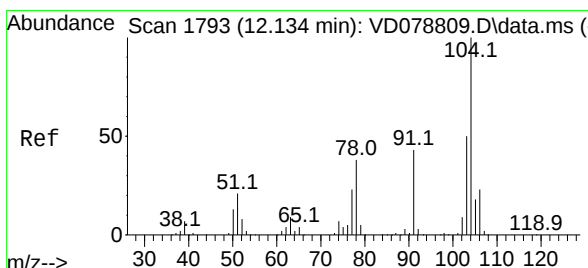
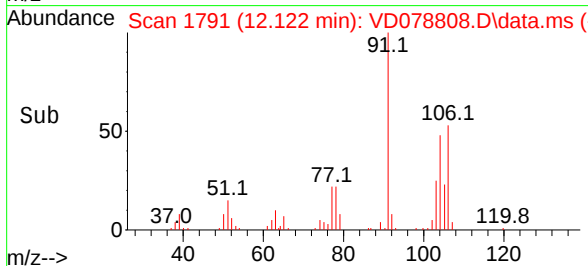
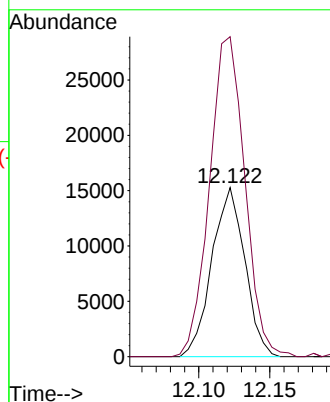
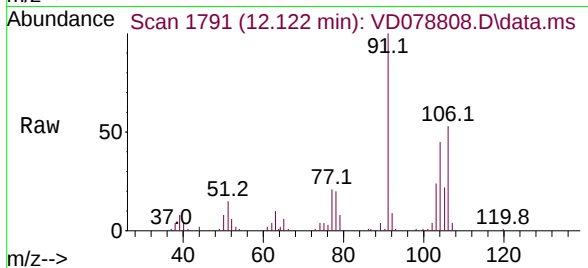




#54
o-Xylene
Concen: 4.629 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

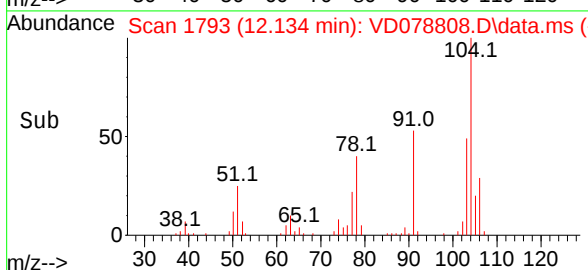
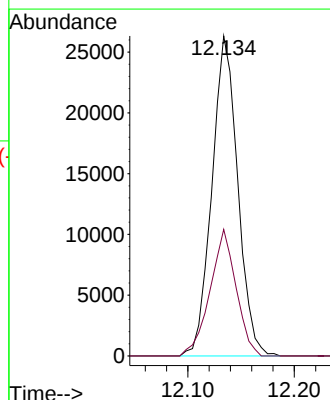
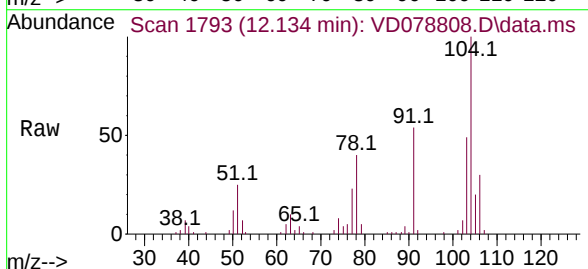
Instrument :
MSVOA_D
ClientSampleId :

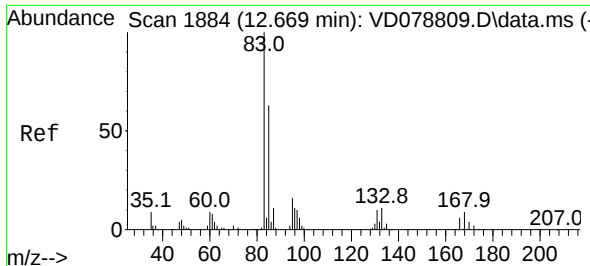
Tgt Ion:106 Resp: 24661
Ion Ratio Lower Upper
106 100
91 189.2 146.2 271.6



#55
Styrene
Concen: 4.647 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion:104 Resp: 44370
Ion Ratio Lower Upper
104 100
78 39.5 26.4 49.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.217 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078808.D

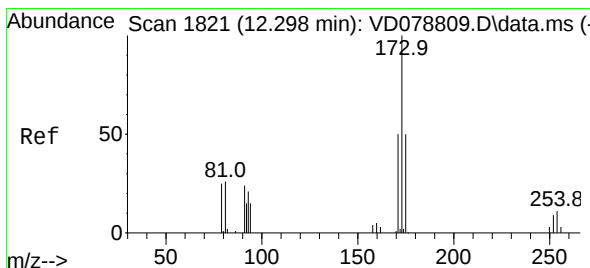
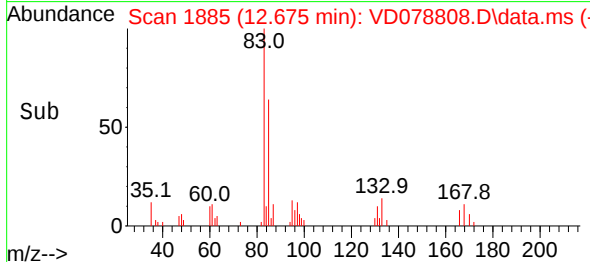
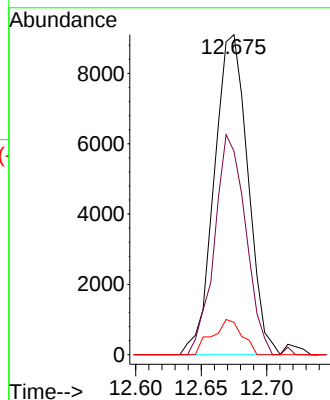
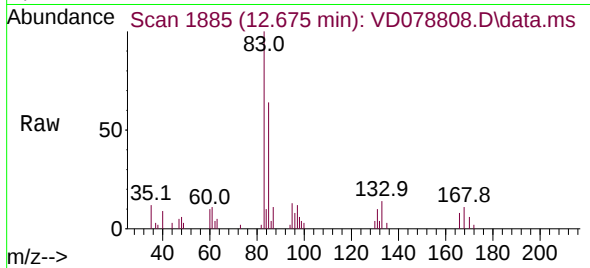
Acq: 11 Apr 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 16210
Ion Ratio	Lower Upper
83	100
85	63.6 44.5 82.7
131	10.1 8.1 12.1



#59

Bromoform

Concen: 5.353 ug/L

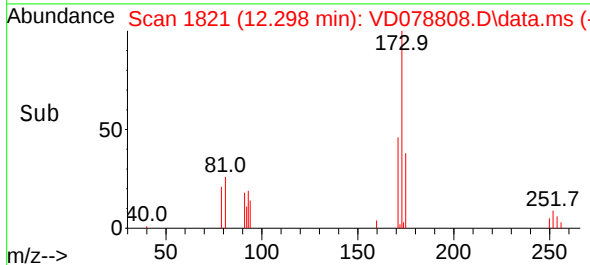
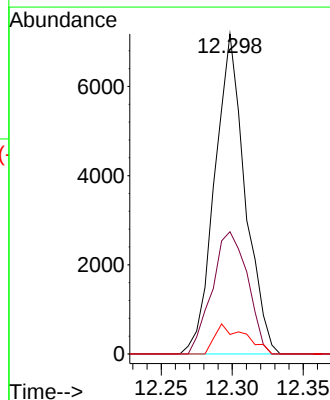
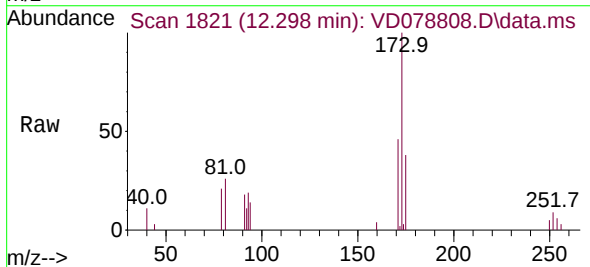
RT: 12.298 min Scan# 1821

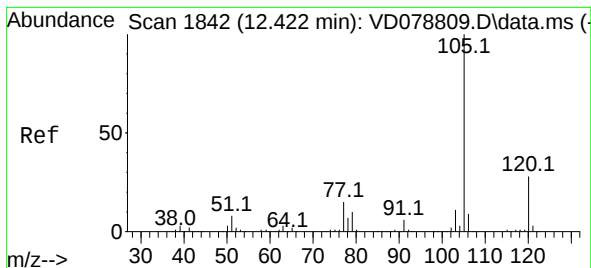
Delta R.T. -0.000 min

Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

Tgt Ion: 173	Resp: 10676
Ion Ratio	Lower Upper
173	100
175	44.5 39.0 58.6
254	4.8 7.7 11.5





#60

Isopropylbenzene

Concen: 4.999 ug/L

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min MSVOA_D

Lab File: VD078808.D

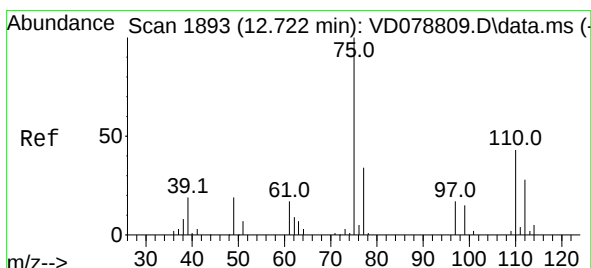
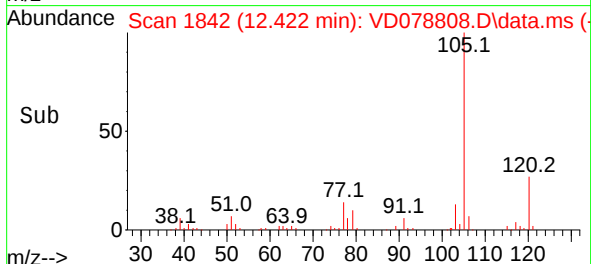
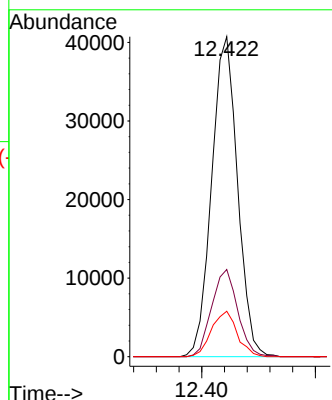
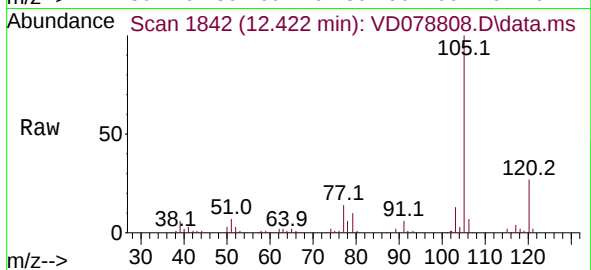
Acq: 11 Apr 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105	Resp:	64353
Ion	Ratio	Lower Upper
105	100	
120	27.5	21.6 32.4
77	14.2	11.4 17.2



#61

1,2,3-Trichloropropane

Concen: 5.175 ug/L

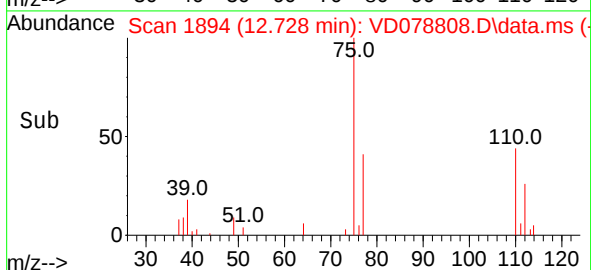
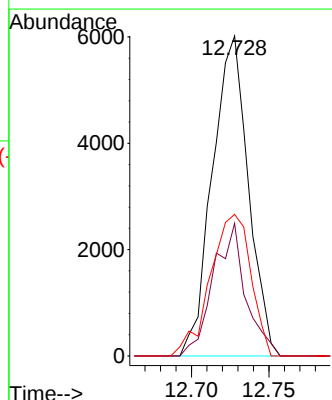
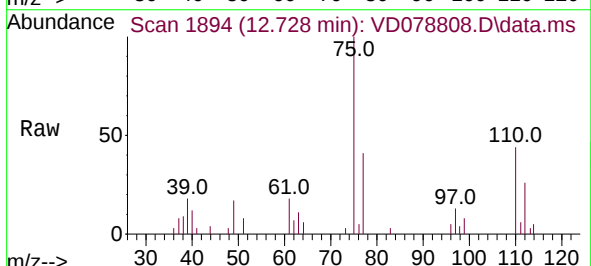
RT: 12.728 min Scan# 1894

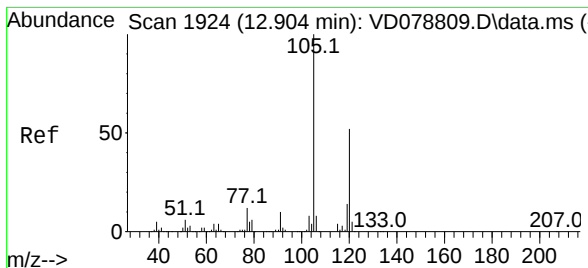
Delta R.T. 0.006 min

Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

Tgt Ion: 75	Resp:	9718
Ion	Ratio	Lower Upper
75	100	
77	37.4	26.9 40.3
110	49.8	34.6 51.8

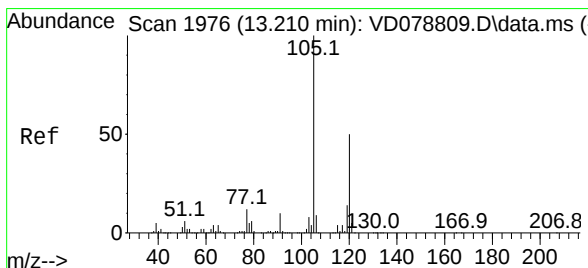
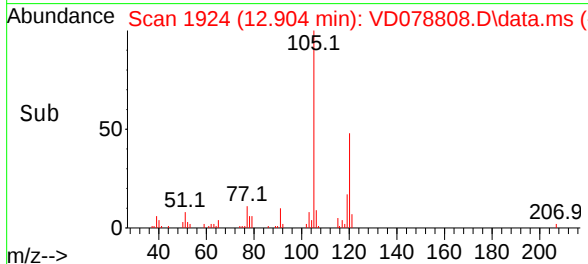
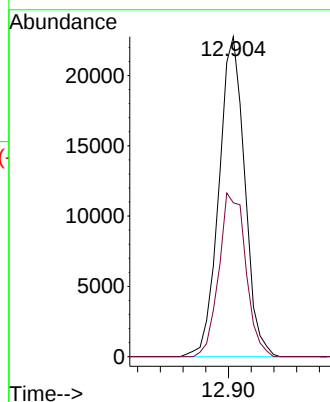
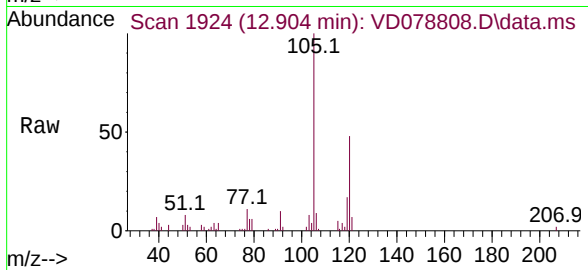




#62
1,3,5-Trimethylbenzene
Concen: 4.596 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

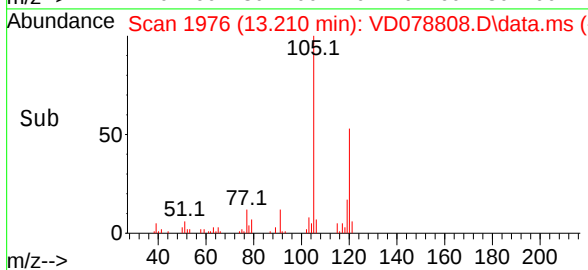
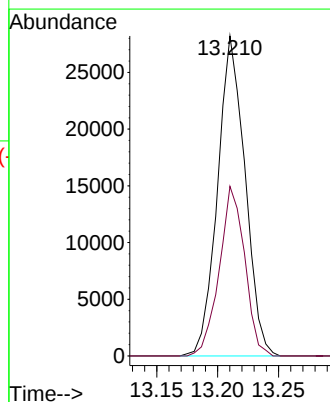
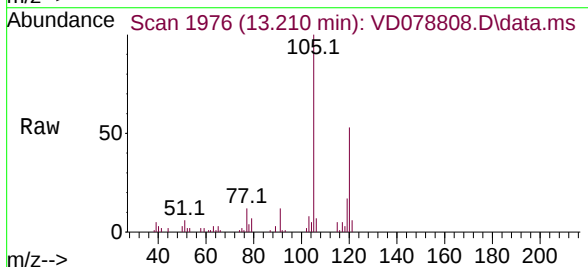
Instrument :
MSVOA_D
ClientSampleId :

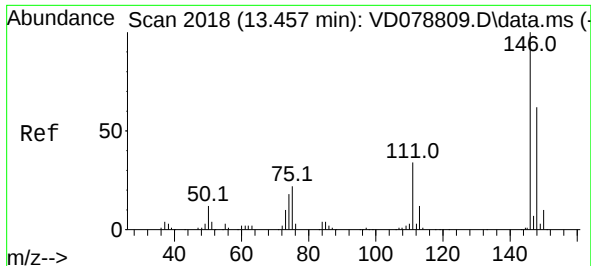
Tgt Ion:105 Resp: 35871
Ion Ratio Lower Upper
105 100
120 53.2 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 4.622 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

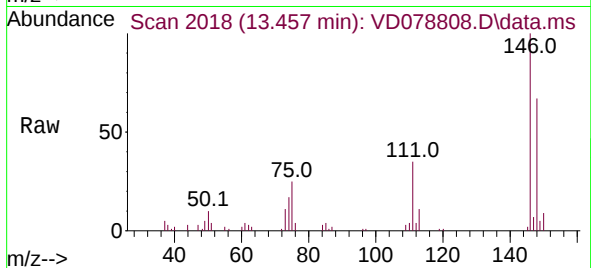
Tgt Ion:105 Resp: 44271
Ion Ratio Lower Upper
105 100
120 49.0 38.6 57.8



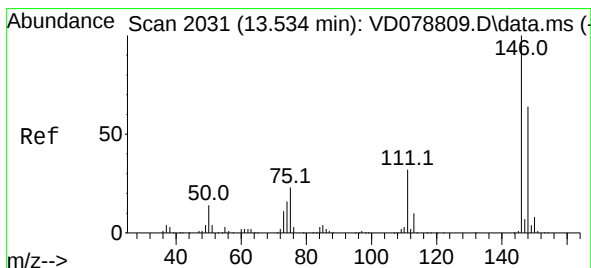
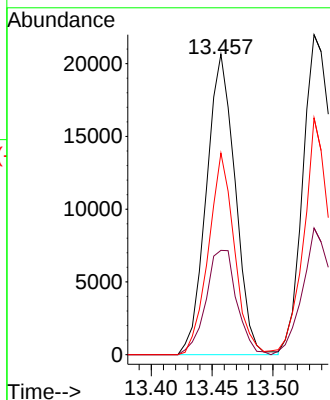
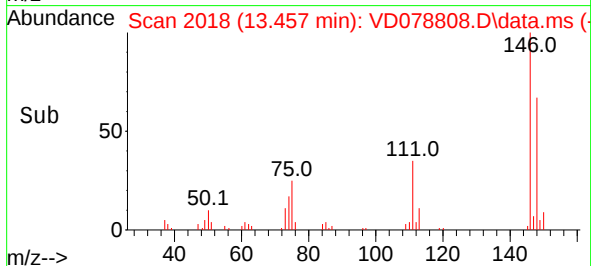


#64
1,3-Dichlorobenzene
Concen: 5.294 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

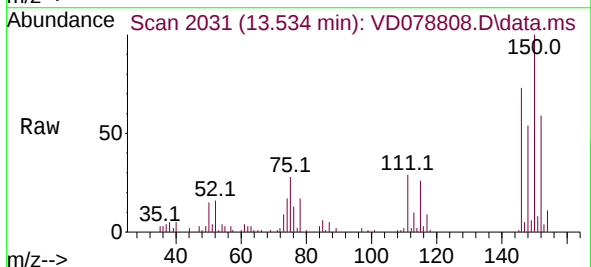
Instrument :
MSVOA_D
ClientSampleId :



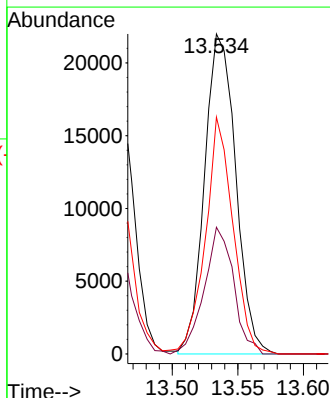
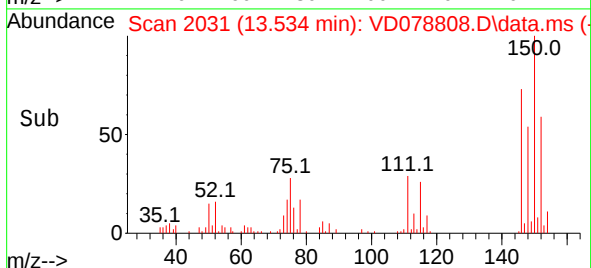
Tgt Ion:146 Resp: 33925
Ion Ratio Lower Upper
146 100
111 34.7 23.7 44.1
148 67.1 43.6 81.0

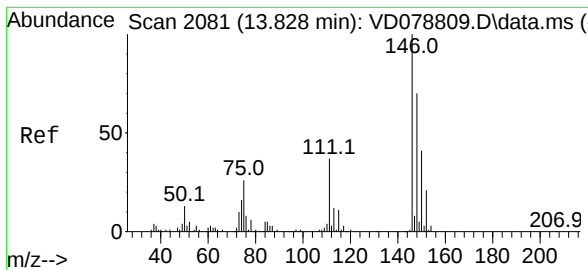


#65
1,4-Dichlorobenzene
Concen: 5.374 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43



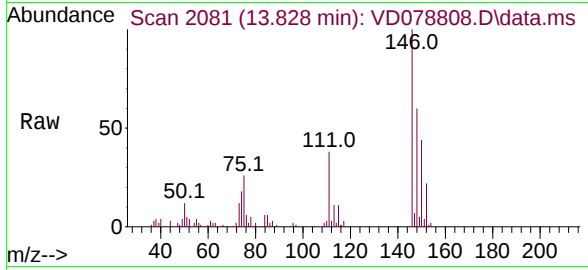
Tgt Ion:146 Resp: 36413
Ion Ratio Lower Upper
146 100
111 39.6 22.7 42.3
148 74.0 44.9 83.5



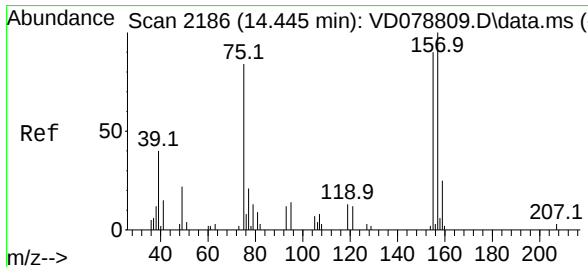
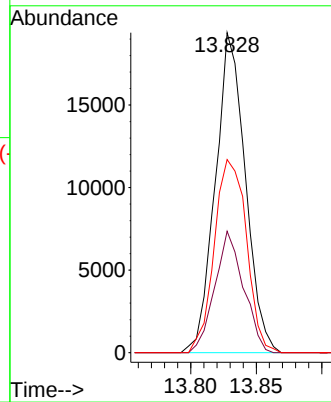
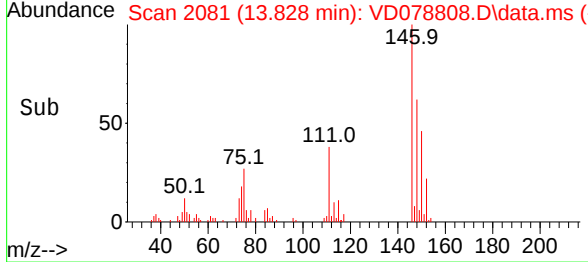


#67
1,2-Dichlorobenzene
Concen: 5.105 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Instrument :
MSVOA_D
ClientSampleId :

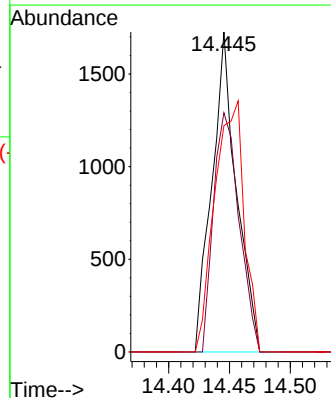
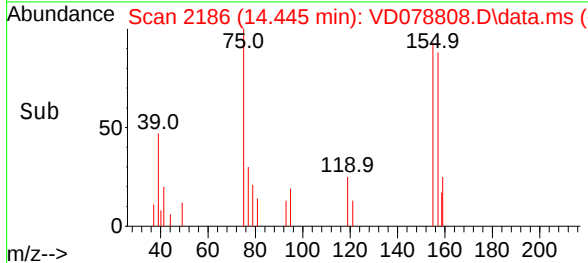
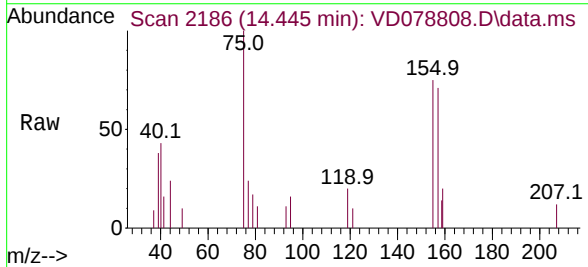


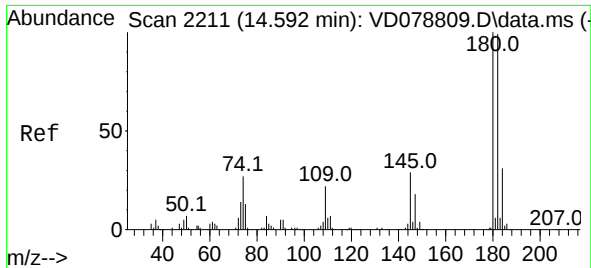
Tgt Ion:146 Resp: 30813
Ion Ratio Lower Upper
146 100
111 37.9 29.5 44.3
148 60.4 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.649 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

Tgt Ion: 75 Resp: 2415
Ion Ratio Lower Upper
75 100
155 74.8 85.3 127.9#
157 70.8 94.7 142.1#





#69

1,3,5-Trichlorobenzene

Concen: 5.228 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

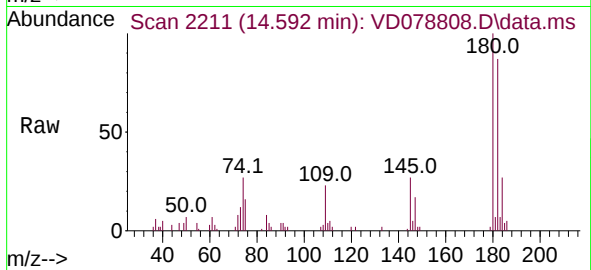
Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 21543

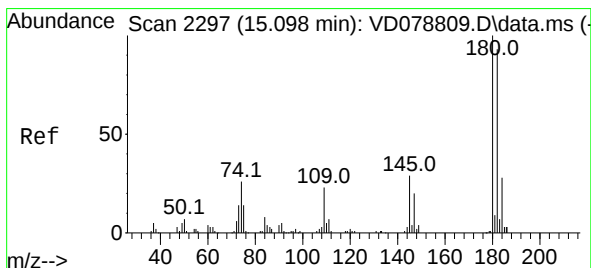
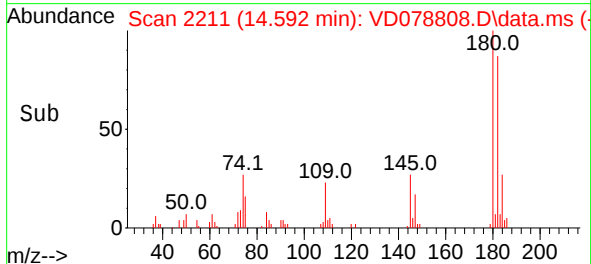
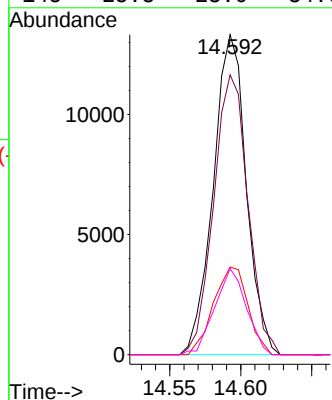
Ion Ratio Lower Upper

180 100

182 90.4 76.0 114.0

184 28.6 24.5 36.7

145 25.8 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 4.746 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078808.D

Acq: 11 Apr 2024 11:43

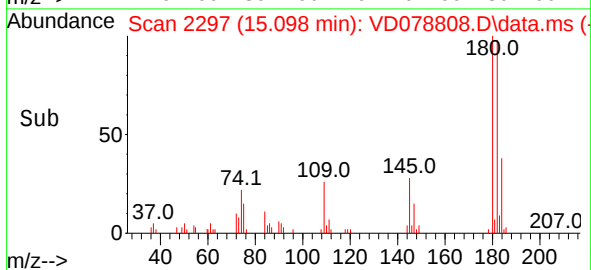
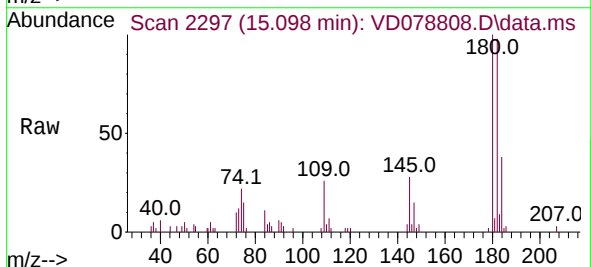
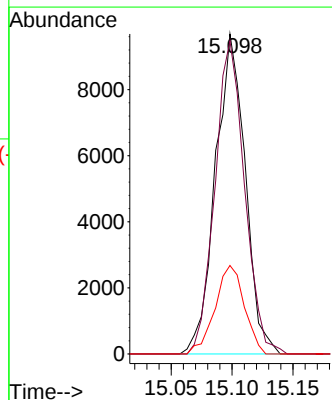
Tgt Ion:180 Resp: 16494

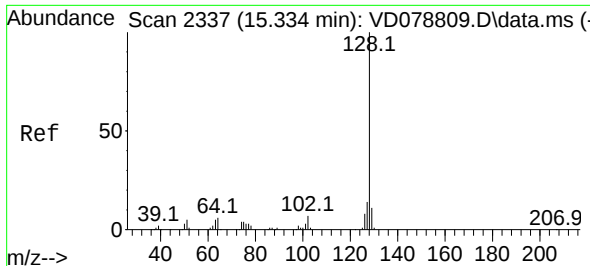
Ion Ratio Lower Upper

180 100

182 97.1 74.7 112.1

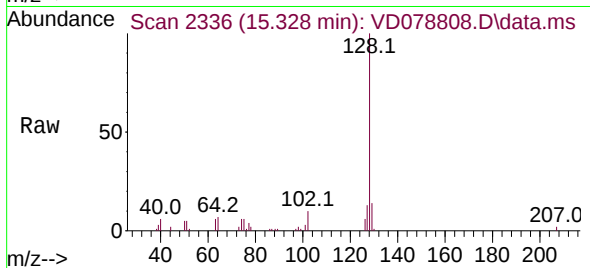
145 27.2 22.6 33.8



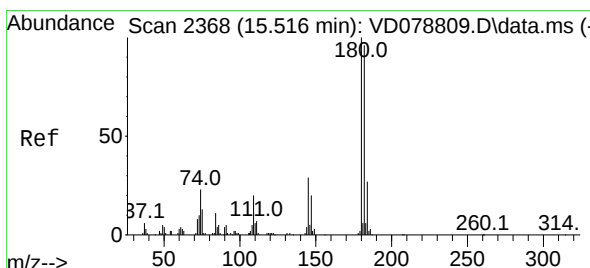
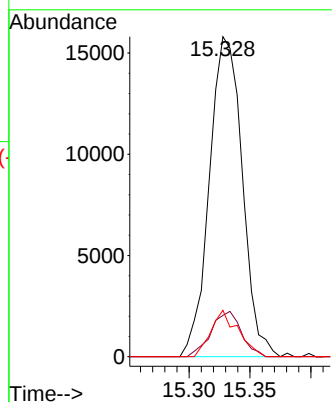
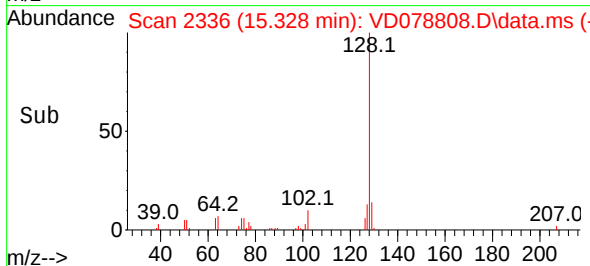


#71
Naphthalene
Concen: 4.402 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43

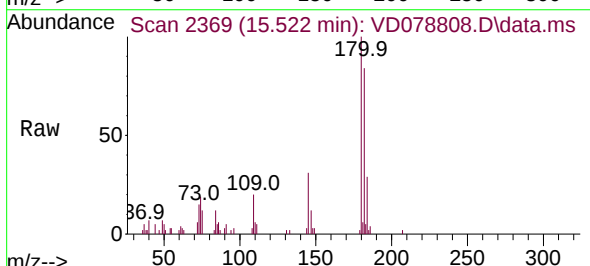
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 29688
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 12.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 5.034 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078808.D
Acq: 11 Apr 2024 11:43



Tgt Ion:180 Resp: 16018
Ion Ratio Lower Upper
180 100
182 92.3 78.1 117.1
145 27.9 24.4 36.6

